SuperSync
Music libraries in perfect harmony.
SuperSync 4.0
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SuperSync 4.0 enables you to visually compare, access, sync, and merge iTunes libraries including music, audio files, podcasts, and video, across multiple Macintosh and Windows PCs, iPhones, iPads, and iPods.

SuperSync lets you add new music to your collection from anywhere (disk or over a network) without copying duplicates. SuperSync also includes an enhanced iTunes music server, basic music player, and integrates seamlessly with iTunes.

With SuperSync's built-in client/server software, users can instantly retrieve a song left on your laptop, play a song on your home computer while using your office PC, or copy your entire iTunes library on to a new computer.

This user manual is designed to assist you with using SuperSync and explain its various features and settings. If you have any questions, comments, etc regarding this manual, please do not hesitate to contact us.

Help Topics

SuperSync Basics	A brief introduction to library terminology
Quick Setup	Tutorials on setup, viewing/merging two libraries, accessing iPod/iPhone, and more!
The SuperSync Window	Understanding the main display including the song table, filters, and status window panes
Menus	Quick links to help on each menu item

Preferences	Configure General, Network, Proxy, Upload, Meta Update, View, Color, Filter, Schedule, & Tivo Settings
Local Library Setup	Import your primary music library from iTunes, hard drive, or NAS
NAS/Disk Setup	Tips on working with a network drive (NAS) or external hard drive for music
Remote Library	Import music from network, disk, or iPod or iPhone
Rescan Library	Keeps your iTunes and SuperSync libraries up to date
Synchronization	Copy files from one library to another in both directions
Synchronization Tips	Hints to make your sinking faster and more reliable
Updating Meta Info	Find and update tracks where just the meta data is different
Updating iTunes	Automatic updates of iTunes and how it works
Performance Tips	Improve the performance of large library transfers
Transfer Window	See the status of all your file transfers
Get Info Window	Show additional details about selected track(s)
Player	Built-in music player
Networking	Using the optional client/server for networking access to your music
IP Addresses	About IP addresses
Web Browser Access	Access your music from a web browser
WAN Access	Accessing your music server from "anywhere" on the Internet
Troubleshooting	Troubleshooting guides for iTunes, networking, and NAS
Credits	Licenses, Credits and Feedback
Contact Us	Contacting SuperSync Support

Contacting SuperSync

We value your feedback, bug reports, feature requests, and comments.

You can contact us directly by visiting our website at:

http://supersync.com/contact.php

You can also use the Send us a **Suggestion or Bug Report** command in SuperSync's **Tools Menu** to open a contact form.

Your feedback is valuable to us in making SuperSync an excellent product. Please do not hesitate to contact us.

[Read the **SuperSync Menu** Section in this manual]

[Return to the **Table of Contents** Section in this manual]

SuperSync Basics

SuperSync is software for Mac and Windows that lets you compare and merge all of your music libraries on multiple computers and devices. If you have music and video libraries at home, the office, on laptops, on iPods, iPhones, and disk drives, SuperSync can help you move and sync your iTunes content from one library to another, easily and intuitively.

SuperSync can read a single library or two libraries at the same time. In SuperSync, we refer to these libraries as the **Local** and **Remote** Libraries. Once SuperSync reads your library/libraries, you can use the SuperSync's **Get**, **Put**, and **Sync** actions to move music between your two libraries.

Local and Remote Libraries

The **Local Library** is a music library on the machine that SuperSync is running on. By default, the **Local Library** is set to read the iTunes Library on that machine. For example, if you run SuperSync on your laptop, SuperSync will connect to that laptop's iTunes Library.

> **Note**: The **Local Library** can also be set to other types libraries. This is an advanced topic that is discussed in detail in the "Configuring the SuperSync Local Library" section in this manual.

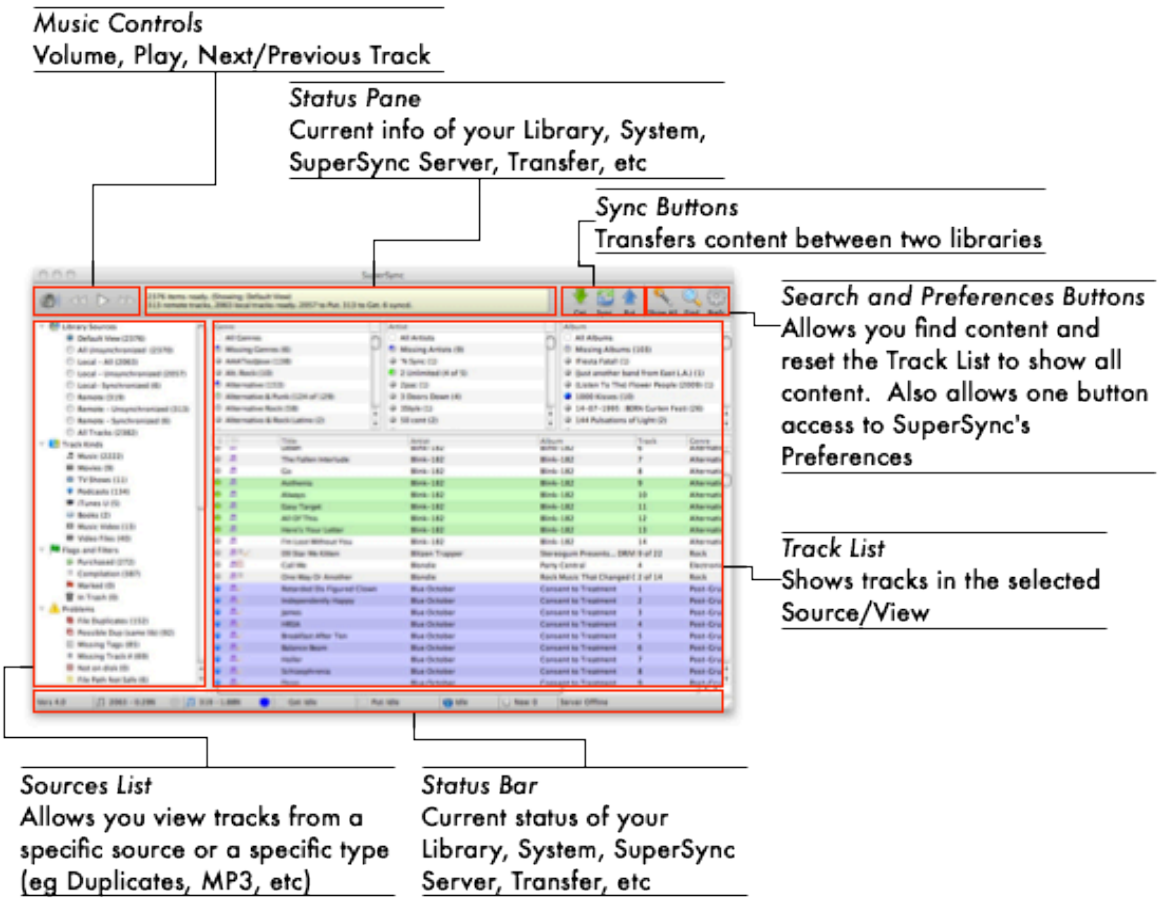
The **Remote library** is the one you are comparing your Local Library. In most cases, the Remote Library will be the music library from another computer running SuperSync. For example, if you have a laptop and a desktop both running SuperSync, the desktop will be the **Remote Library** for the laptop.

> **Note**: The **Remote Library** can also be set to other types libraries such as an iPod, another hard drive, or another networked computer running SuperSync. This is an advanced topic that is discussed in detail in the "Configuring the SuperSync Remote Library" section in this manual.
>
> **Tech Info**: SuperSync has a feature called 'SuperSync Server'. The SuperSync server is turned on/enabled by default so that SuperSync computers can connect to each other. You can enable/disable the SuperSync Server feature in SuperSync's Preferences window. To access a SuperSync computer from outside your firewall, you'll need to know a little more about IP addresses and port numbers, which is described in more detail in the SuperSync Server and WAN Access sections later in this manual.

The Local and Remote Libraries are two distinct libraries that may contain some, or all, or no tracks in common. That's where SuperSync comes in. SuperSync connects the two libraries and and lets you compare and sync tracks between the two libraries.

Viewing Libraries With SuperSync

SuperSync displays your music library/libraries in the **SuperSync Window** (see image below):


Music Controls
Volume, Play, Next/Previous Track
Status Pane
Current info of your Library, System, SuperSync Server, Transfer, etc
Sync Buttons
Transfers content between two libraries
Search and Preferences Buttons
Allows you find content and reset the Track List to show all content. Also allows one button access to SuperSync's Preferences
Track List
Shows tracks in the selected Source/View
Sources List
Allows you view tracks from a specific source or a specific type (eg Duplicates, MP3, etc)
Status Bar
Current status of your Library, System, SuperSync Server, Transfer, etc

The SuperSync window is where you can play, compare, search, and sync tracks from different libraries. It also gives provides the status of various SuperSync features and actions such as transfer status, SuperSync Server status, iTunes actions, etc.

> **Note**: More information about this window and it's features/actions can be found in the "SuperSync Window" section in this manual.

When viewing tracks, you will notice a a colored dot next to them. This dot identifies where the track exists and whether or not it has been synchronized in both libraries. The following is a list of the possible colors you may see:

Gray dot: located in **Local Library.** If you are viewing two libraries, the track is unsynchronized (i.e. not in the Remote Library)

Blue dot: located in **Remote Library.** The track is unsynchronized (i.e. not in the Local Library)

Green dot: Synchronized track. Track is in both Local and Remote libraries.

- Turquoise dot: Synchronized track. Track is in both Local and Remote libraries. Turquoise tracks are usually omitted so that you don't see two of every synchronized track.

Transferring/Syncing Files With SuperSync

Files can be transferred between the Local and Remote libraries using the following SuperSync **actions**:

Get:
This action transfers the selected content from the Remote Library to the Local Library

Put:
This action transfers the selected content from the Local Library to the Remote Library

Sync:
This action Syncs the selected content between the two libraries so content matches on both computers.

Note: You can use Get, Put, and Sync on a single track, tracks from an artist, genre, etc., and tracks of a particular type (e.g. MP3, M4A, etc.) or on an entire library.

Cleaning Up Your Libraries

SuperSync groups your libraries' content in standard groups/views such as Music, Movies, TV Shows, etc. In addition to these, SuperSync also groups songs by other criteria such as *File Duplicates* (tracks that are identical), *Possible Duplicates* (tracks that are very similar based but don't aren't an exact duplicate), tracks without artwork, tracks with missing track numbers, etc.

In the SuperSync Window, you can use the Sources List to select tracks these groups/views to quickly identify tracks that you may not want to transfer between your libraries. By using SuperSync's **Get Info**, **Compare Tracks,** **Duplicate Inspector**, and **Put in Trash/Empty Trash** features, you can get additional info about your tracks so you can determine which files to keep, ignore, fix, and/or delete.

Listen to Your Libraries From Anywhere!

In addition to all the features listed above, SuperSync allows your library to viewed/listened to from any device that has a web browser. SuperSync's **Web Server** feature publishes your **Local Library** via a web interface. You can then point any computer with a web browser to special SuperSync website and view and listen to your content.

Note: SuperSync's Web Server feature is enabled by default but it can be disabled/enabled in SuperSync's Preferences window in the Network tab.

Tech Info: The SuperSync Web Server is typically only available to computers on your local network and not computers from outside your network (e.g. computers on the internet). If you wish to publish your Local Library to computer's outside your network, you will need to make

sure your computer is accessible from outside your network. Please read the WAN section in this manual for more information.

SuperSync Basics Wrap Up

We have now covered the basic concepts and features of SuperSync. Our next section, SuperSync Quick Setup Guide, provides step by step instructions on how to setup and use SuperSync for the first time.

SuperSync Quick Setup Guide

Syncing Between Two iTunes Libraries Over A Network

This guide walks you through the setup and syncing of two iTunes Libraries over a network using SuperSync.

For the purpose of this guide, we will be using the following scenario:

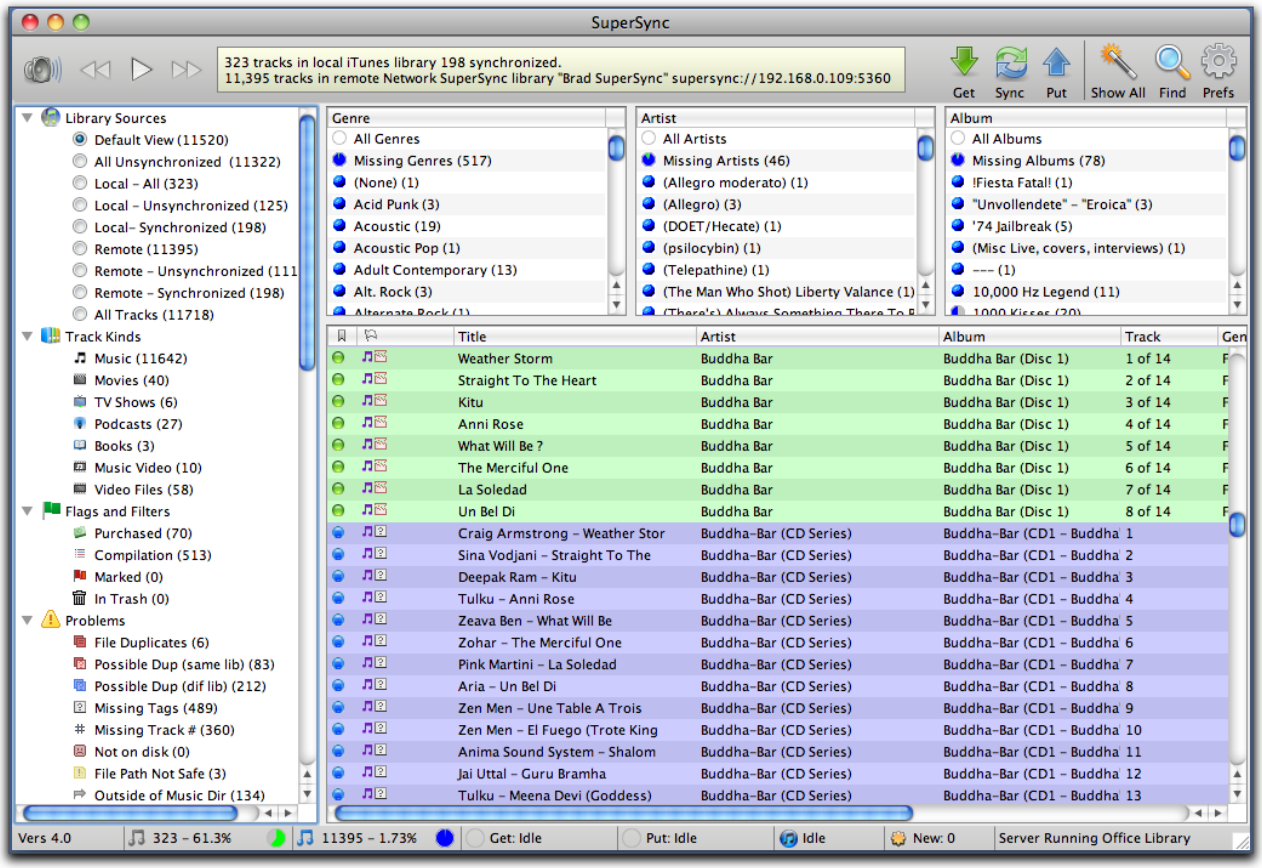
- two computers (Computer #1 and Computer #2)
- both computers are connected to the same network/LAN
- both computers use iTunes to manage that computer's music, movies, etc.
- both computers have different content in their libraries
- both libraries will be 'Sync'ed' so both computers have the same content
- both computers will use SuperSync's to 'Get', 'Put', and 'Sync' files between the two iTunes libraries

If you are using a different configuration, please read this guide since the concepts in presented here will also help you understand the basics of SuperSync. Other configurations, such as syncing with a network drive, using an , etc. are discussed later in this manual.

> **Tip**: Before attempting a complete synchronization, at least for the first time, you should synchronize only one or two files to make sure they're going where you expect them.
>
> **Note:** All of the Quick Start guides below assume that you are using iTunes as your default local music library. Typically your Local Library is configured to us iTunes and you then connect to various "remote" libraries such as iPods,iPhones, disk drives, and other networked SuperSync libraries.

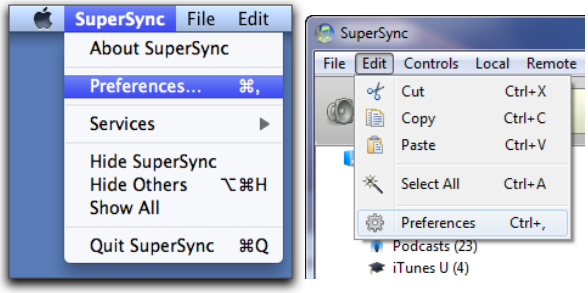
Computer #1 and Computer # 2 Setup

1. Install and launch SuperSync on Computer #1. When the SuperSync starts, SuperSync will connect to your iTunes library and show it's content.

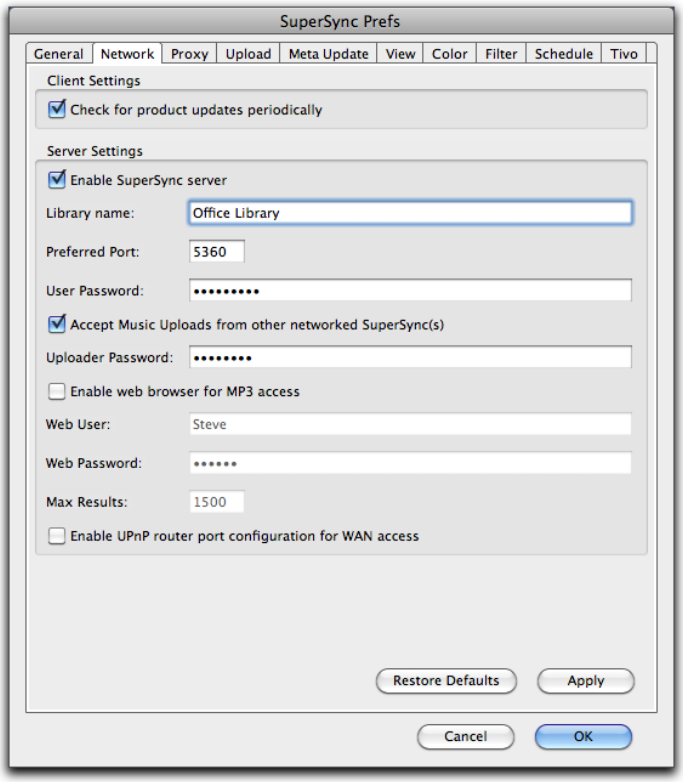


> **Note**: The first time you launch SuperSync, SuperSync will ask you if you want to enable the SuperSync Server and setup a password for server access. If you see this screen, click the **No** button since will be enabling the SuperSync Server in the next steps.

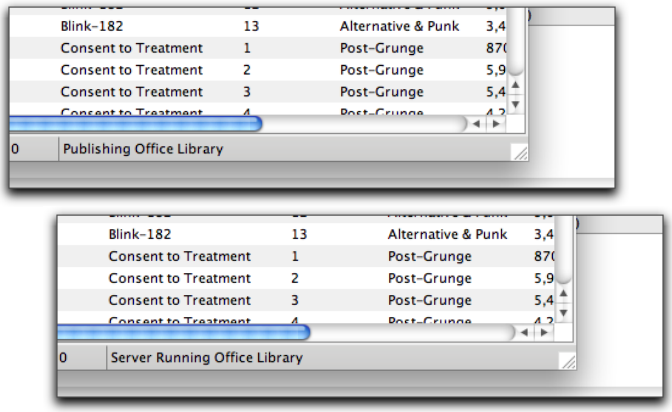
2. Open SuperSync's Preferences (⌘ ,) via SuperSync's FILE menu (Mac) or EDIT menu (Windows).



3. Next click Network Preferences tab. Enable/Check the '**Enable SuperSync Server**' and the '**Accept Music Uploads From Other Networked SuperSync(s)**' checkboxes. These checkboxes will allow your computer to be seen by other computers running SuperSync.



4. Verify that the SuperSync Server is running by looking at SuperSync's **Status Bar**. In the lower right-hand corner of the SuperSync Window, the server status should change from "Publishing [yourServerName] to "Server Running [yourServerName]"


Blink-182 13 Alternative & Punk
Consent to Treatment 1 Post-Grunge
Consent to Treatment 2 Post-Grunge
Consent to Treatment 3 Post-Grunge
Publishing Office Library
Server Running Office Library

Note: If the SuperSync Server isn't running, confirm SuperSync's Preferences (Step 2). If you still have issues starting the SuperSync Server, contact SuperSync Support.

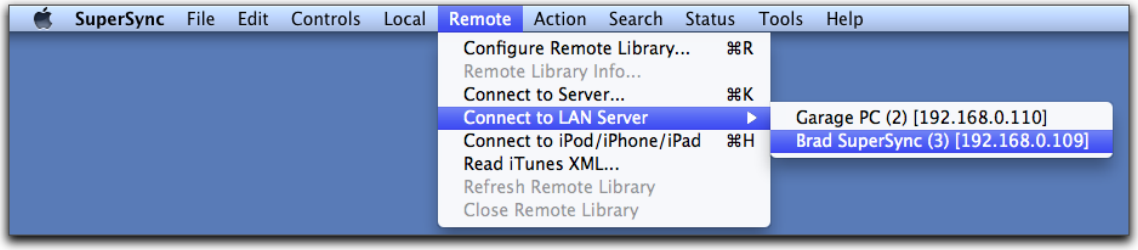
5. Once you verify that the SuperSync Server is running, the configuration on this computer is complete. Leave SuperSync running since we will be connecting to

it later in this quick start.

6. Repeat Steps 1-5 on Computer #2 (and any other computers if you have more than a 2 client SuperSync license).

Connecting To A Computer Running SuperSync

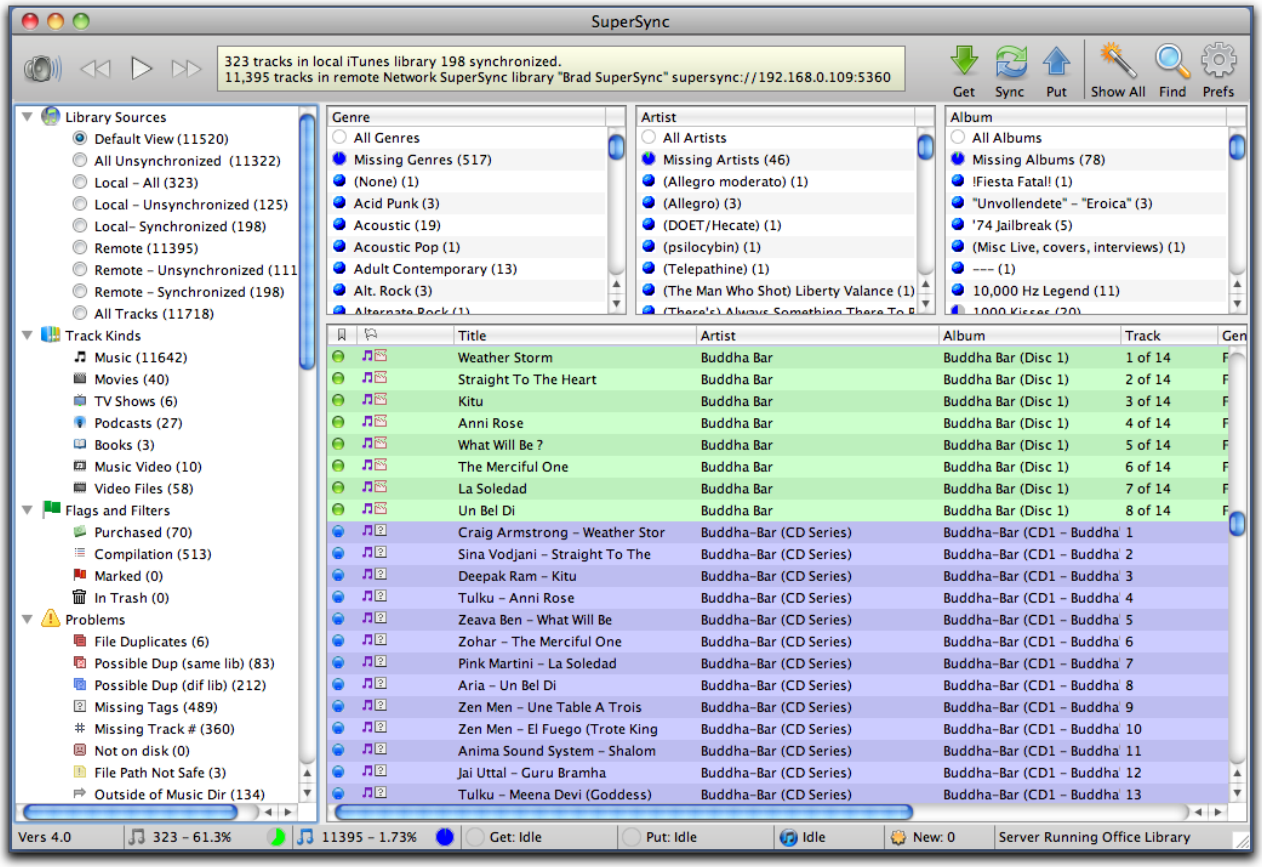
1. From Computer # 1, in SuperSync's **Remote** menu, select the 'Connect to LAN Server' command and then select your Computer # 2.



After selecting your Computer #2, SuperSync on Computer #1 will connect to Computer #2's library.

> **Note**: You can initiate the connection from either computer since the SuperSync Server is running on both computers.
>
> **Tech Info**: The Connect to LAN Server looks for other SuperSync computers via Bonjour. If you don't see your other computer, you can manually enter your other computer's IP address by using the 'Connect to Server' command in the Remote menu.

2. Once SuperSync connects to the other library, SuperSync will connect to that computer and display both libraries (the Local and Remote libraries) in the SuperSync Window.

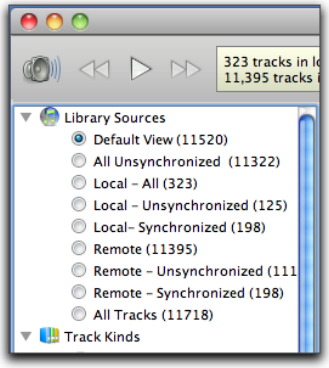


At this point, both libraries are connected. We will now use SuperSync to compare and sync content between the two libraries.

Quickly Determine Which Songs Need To Be Synced

Now that you are viewing Computer #1 and Computer #2's libraries, we will use SuperSync's **Sources List** to quickly determine which songs need to be synced from either the Local or Remote library's point of view. To do this, follow these steps:

1. Once SuperSync is connected to another library, you will see 'Library Sources' in SuperSync's 'Sources List' pane.

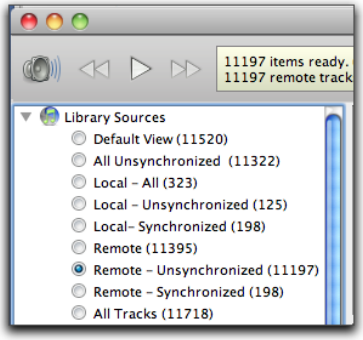


2. At this point you can:

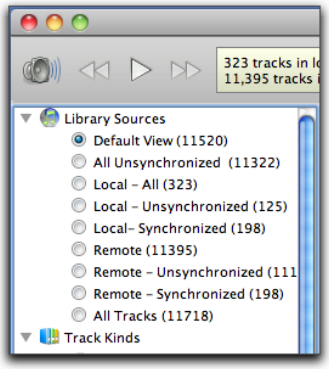
   Select the 'All Unsynchronized' view to see songs that are missing from both libraries.

   Select the 'Local Unsynchronized' view to see songs that are on your computer (aka the Local Library) but not in the Remote Library.

   Select the 'Remote Unsynchronized' view to see songs that are in the Remote Library but not on your computer (aka the Local Library)



3. Select the 'Default View' to view both libraries at the same time.



   Note: When viewing tracks, you will notice a a colored dot next to them. This dot identifies where the track exists and whether or not it has been synchronized in both libraries. The following is a list of the possible colors you may see:

   Gray dot:
   located in **Local Library.** If you are viewing two libraries, the track is unsynchronized (i.e. not in the Remote Library)

   Blue dot:
   located in **Remote Library.** The track is unsynchronized (i.e. not in the Local Library)

   Green dot:
   Synchronized track. Track is in both Local and Remote libraries.

Turquoise dot:
Synchronized track. Track is in both Local and Remote libraries. Turquoise tracks are usually omitted so that you don't see two of every synchronized track.

4. You have now selected the key views for determining which songs need to be synced. In the next section, we will be selecting tracks and syncing them between the two libraries.

Syncing Songs Between Two Libraries

Now that you are have viewed your identified your unsynchronized tracks, we will use SuperSync's **Get**, **Put**, and **Sync** commands to move tracks between the two connected libraries. Since this is your first time syncing songs, we will start by selecting individual tracks to transfer between computers. We will later sync multiple tracks between your computers. To do this, follow these steps:

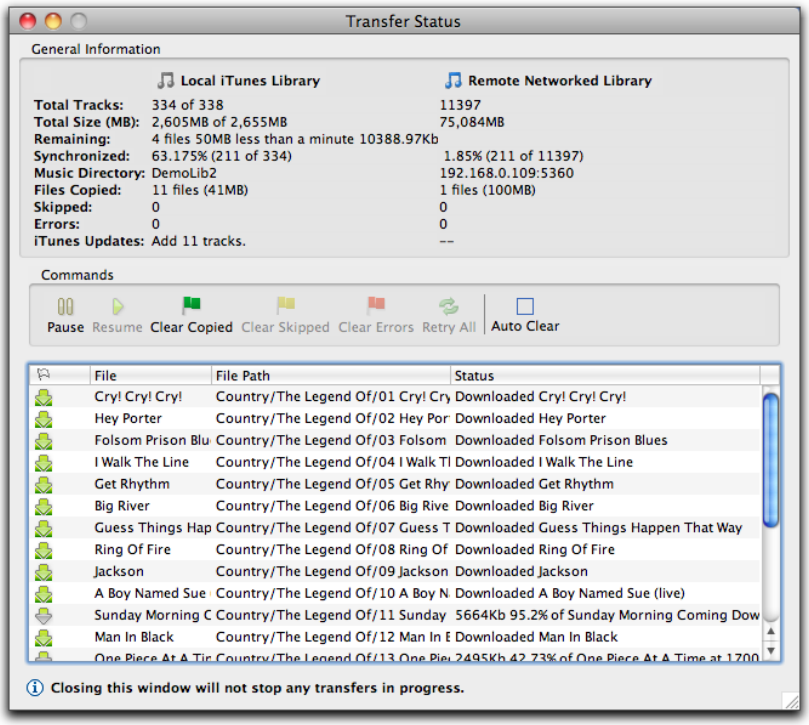
1. In SuperSync's Track List, find a unsynchronized track (either a Local track [gray dot] or Remote track [blue dot]).

2. To sync an unsynchronzied song:

   Select one or more Gray tracks and click **Sync** or **Put** button copy them to the Remote SuperSync library

   Select one or more Blue tracks and click **Sync** or **Get** button copy them to your Local SuperSync library

3. Once you use the **Get**, **Put**, or **Sync** actions, SuperSync will open the **Transfer Status** Window and show you the status of your transfer(s).


Transfer Status
General Information
Local iTunes Library
Remote Networked Library
Total Tracks: 334 of 338 11397
Total Size (MB): 2,605MB of 2,655MB 75,084MB
Remaining: 4 files 50MB less than a minute 10388.97Kb
Synchronized: 63.175% (211 of 334) 1.85% (211 of 11397)
Music Directory: DemoLib2 192.168.0.109:5360
Files Copied: 11 files (41MB) 1 files (100MB)
Skipped: 0 0
Errors: 0 0
iTunes Updates: Add 11 tracks. --
Commands
Pause Resume Clear Copied Clear Skipped Clear Errors Retry All Auto Clear
File File Path Status
Cry! Cry! Cry! Country/The Legend Of/01 Cry! Cry Downloaded Cry! Cry! Cry!
Hey Porter Country/The Legend Of/02 Hey Por Downloaded Hey Porter
Folsom Prison Blu Country/The Legend Of/03 Folsom Downloaded Folsom Prison Blues
I Walk The Line Country/The Legend Of/04 I Walk Tl Downloaded I Walk The Line
Get Rhythm Country/The Legend Of/05 Get Rhy Downloaded Get Rhythm
Big River Country/The Legend Of/06 Big Rive Downloaded Big River
Guess Things Hap Country/The Legend Of/07 Guess T Downloaded Guess Things Happen That Way
Ring Of Fire Country/The Legend Of/08 Ring Of Downloaded Ring Of Fire
Jackson Country/The Legend Of/09 Jackson Downloaded Jackson
A Boy Named Sue Country/The Legend Of/10 A Boy N Downloaded A Boy Named Sue (live)
Sunday Morning C Country/The Legend Of/11 Sunday 5664Kb 95.2% of Sunday Morning Coming Dow
Man In Black Country/The Legend Of/12 Man In E Downloaded Man In Black
Closing this window will not stop any transfers in progress.

Note: The **Transfer Status** Window shows detailed information about your transferred files such as number of songs transferred, total size (in MB) of transfers, number of files skipped (due to duplication or errors), iTunes Updates (SuperSync telling iTunes to make updates to its database), etc.

4. Once your tracks have been transferred, SuperSync will update its Track List and, if necessary, tell iTunes (on either your computer or the Remote computer) to update its database for the newly added songs.

   You can confirm that your files were transferred successfully by opening iTunes on either computer. Please note that transferred files may not appear immediately since iTunes may take a few moments to complete its database updates. You can also use the "Local Synchronized' and 'Remote Synchronized' views in SuperSync to see if your synced songs appear as 'synced' (with either a green dot or turquoise dot).

5. If you wish to sync more individual tracks, repeat Steps 1 through 4. If you want to synchronize all the songs between both libraries, you can select an entire view and then select the **Get**, **Put**, or **Sync** actions.

6. You have now learned how to transfer songs between two libraries using SuperSync.

Conclusion

At this point, you have connected two iTunes libraries on two different computers and synced tracks using SuperSync. This is the way SuperSync is most commonly used but there are many other ways of using SuperSync. You can use SuperSync to listen to your music, share/stream your music via web browser, copy songs from an iPod, iPhone, iPad, etc, sync and backup your data to an external drive, etc. The rest of this section quickly describes how you can sync your Local Library with other types of Remote libraries. It also describes different ways to access your libraries (e.g. via a web browser or via SuperSync across the Internet/WAN).

Additional Quick Setup Guides

Import tracks and playlists from an iPod or iPhone

1. Under the Remote Menu, select "Connect to iPod or iPhone..."
2. Connect an iPod by USB. When found, your tracks should be loaded.
3. Tracks are color coded: Gray=Local Track, Blue=Remote Track, Green=Synchronized (in both)
4. Select one or more Blue Tracks and click Synchronize to copy tracks from the mobile device to your local music directory
5. Select any Blue playlists from the Playlist Tree to synchronize the playlists.
6. Close the Remote library when done from the Remote menu to disconnect the Apple mobile device.

Import a directory or hard drive into your music library

1. Select Configure Remote Library from the Remote menu
2. Select Read music/video files from mass storage (disk, network drive, etc.) and click Next
3. Click Set... to set the hard drive or directory you'd like to import and click Next.
4. Select one or more Blue tracks you'd like to import and click "Synchronize"
5. Monitor the Transfer Status Window to see how many files remain to be copied
6. After copying the files SuperSync will also add the files to your iTunes library
7. When finished, close the Remote library.

Export tracks to a hard drive or directory

1. Select Configure Remote Library from the Remote menu
2. Select Read music/video files from mass storage (disk, network drive, etc.) and click Next
3. Click Set... to set the hard drive or directory you'd like to export tracks to and click Next.
4. Select the Gray tracks you'd like to export and click "Synchronize"
5. Tracks that have been copied to the remote drive, the tracks will turn Green.
6. When finished, close the Remote library.

Access a Remote computer/library over the Internet/WAN (Wide Area Network)

1. Install SuperSync as with the previous computer(s)
2. To access this SuperSync server from outside of your WAN, check the UPnP checkbox.
3. Be sure to set your passwords. Opening the firewall for SuperSync traffic on your O/S and/or router may be needed.
4. Determine the IP address and port of this computer by using "Check my IP..." under the Tools menu and test the connection!
5. On another SuperSync computer, use the Connect to Server... from the Remote menu and enter the WAN IP address, followed by a colon and the port number.
6. View the merged libraries - Tracks are color coded: Gray=Local Track, Blue=Remote Track, Green=Synchronized (in both)
7. Select one or more Gray tracks and click Synchronize to copy them to the remote SuperSync library (remote server must allow uploads)
8. Select one or more Blue tracks and click Synchronize to copy them from the remote library to your local library

Check your library for new or missing tracks

1. SuperSync's rescan feature will find missing tracks (shown in iTunes with a !) or add tracks that are on disk but not in iTunes.
2. From the File menu, select "Rescan Local Library..."
3. Select all the check boxes and click **Start Rescan**
4. Review any changes. Keep an eye on iTunes to dismiss any password dialogs that come up in iTunes

View your MP3's from a web browser

1. Enable the SuperSync server and check the Web Access button in the network settings.
2. From the **Tools** menu, select "**Open Personal Music Browser**" or enter the IP address of your computer into a web browser

3. You should see a web page with your music available for browsing via the web.
4. To access your music over the WAN, you'll need to enable port forwarding on port 5360 or enable the UPNP check.
5. A special browser for iPhone/iPod touch users is also included that allows you to play individual tracks. Simply type the IP:port of your server into your iPhone's Safari Browser. (e.g. 12.34.56.78:5360)

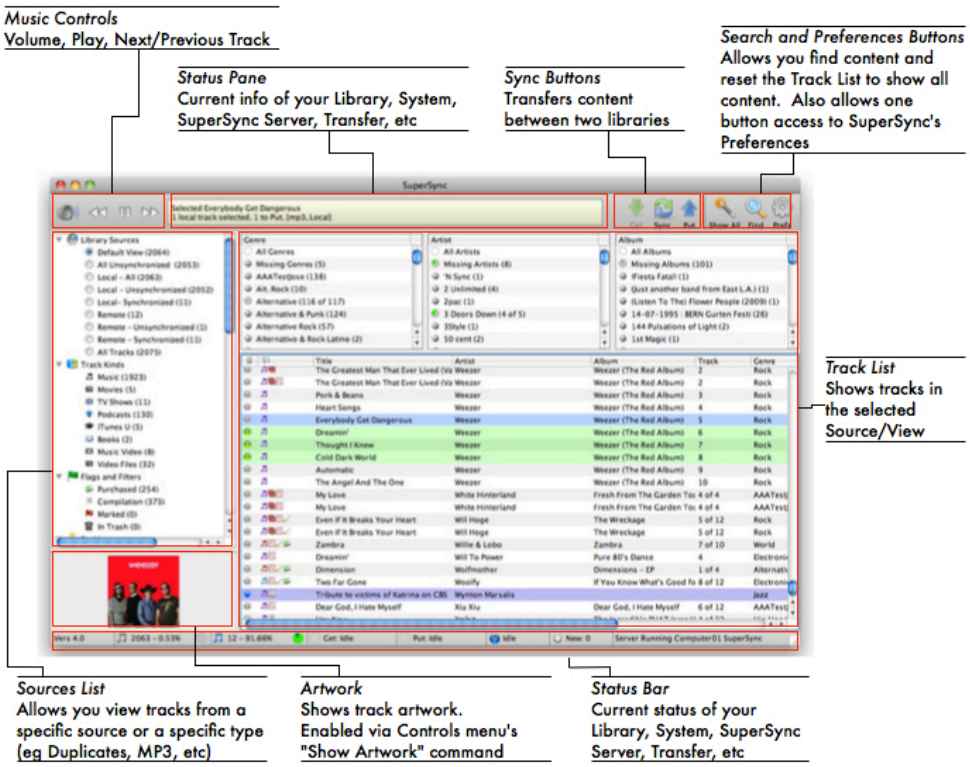
SuperSync Quick Setup Wrap Up

We have now covered the most common way of setting up and using SuperSync. Our next section, The SuperSync Window, describes the SuperSync Window's features and use.

The SuperSync Window

The **SuperSync Window** contains several different buttons, panes, lists, and tool bars for viewing status, sorting tracks, and controlling SuperSync. This section describes the different features of this window.

> **Note:** In addition to this documentation, SuperSync uses "Tooltips" that allow you to get more information about a particular window control. Move and hold your mouse cursor over a status item/button/control in the SuperSync Window to get additional text description of that object.


Music Controls
Volume, Play, Next/Previous Track
Status Pane
Current info of your Library, System, SuperSync Server, Transfer, etc
Sync Buttons
Transfers content between two libraries
Search and Preferences Buttons
Allows you find content and reset the Track List to show all content. Also allows one button access to SuperSync's Preferences
Track List
Shows tracks in the selected Source/View
Sources List
Allows you view tracks from a specific source or a specific type (eg Duplicates, MP3, etc)
Artwork
Shows track artwork. Enabled via Controls menu's "Show Artwork" command
Status Bar
Current status of your Library, System, SuperSync Server, Transfer, etc

The top of the **SuperSync Window** contains SuperSync's ***Music Controls***, ***Status Pane***, ***Sync Buttons,*** and ***Search and Preference Buttons***.

Music Controls:
Volume adjustment, previous track, play/pause, and next track.

Status Pane
SuperSync's **Status Pane** provides the current status/configuration of different SuperSync features. The information displayed in the status pane can be selected by selecting different commands under SuperSync's **Status** menu. You can scroll through the status display options by clicking on the pane.

> **Note**: The **Status Pane** changes dynamically as needed to show relevant status changes but you can the Status Pane by using the **Lock Status** command from the **Status** menu. The **Status Pane** can display the following information:

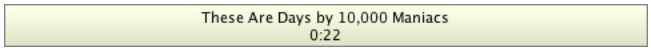
```
SuperSync 1.2 reg © 2006 supersync.com All Rights Reserved
Memory: Using 11.410M of 253.18M (5%) Min 2560K Max 12.669M Threads: 21 Up time: 1:14:19
```

> **System Status**: This option displays the SuperSync version number and how system resources are being used by SuperSync. You should never need to know the number of running threads or the maximum memory however this is useful if you experience a slowdown and you see you're out of memory, this could be useful in submitting a report or just signaling a restart.
> The keyboard shortcut for this option is ⌘ +**1**

```
1,122 tracks in local iTunes library 296 synchronized.
15,344 tracks in remote Network SuperSync library
```

> **Library Status**: This option displays information about the tracks in each library.

The keyboard shortcut for this option is ⌘ +2



Player Status: This option displays status of the SuperSync player, including current track time and name. The status pane is blank when this option is selected and no song is playing.
The keyboard shortcut for this option is ⌘ +3

Music Server "mac supersync" port 5360 online playlist size=1111 Server Running
Connections: 0 Streams: 0 Max connections: 10

Server Status: This option displays status related to SuperSync when it acts as a music server.
The keyboard shortcut for this option is ⌘ +4

Transfer Status: This option displays the status of any current uploads or downloads.
The keyboard shortcut for this option is ⌘ +5

Selection Status: This option displays information about the currently selected file.
The keyboard shortcut for this option is ⌘ +6

iTunes Status: This option displays iTunes connection information, including whether any updates are being performed. Selecting this item will trigger a check to see if the iTunes XML file has changed, and if possible, will rescan the library.
The keyboard shortcut for this option is ⌘ +7

The last menu item, **Lock Status**: This option lets you keep the status pane on the current mode

Note: Clicking on the status pane will switch to the next status mode. SuperSync will try to switch the status to the most relevant mode unless locked.

Sync Buttons:
The Sync buttons are used to transfer songs between two libraries. These button are only enabled when you are connected to both a Local and Remote library.

Get Button:
Copies the selected track(s) from the **Remote Library** to your **Local Library**

Sync Button:
This button synchronizes tracks between two libraries. If multiple tracks or an entire view is selected (e.g. the All Unsynchronized view), the Sync button will copy to and from both libraries.

Put Button:
Copies the selected track(s) from your **Local Library** to the **Remote Library**

Search and Preferences Buttons:
The Search and Preferences Buttons allow you to search your libraries, show all tracks in the Track List (i.e. resets the Track List to show all songs after using search or selecting other views), and open SuperSync's preferences. These buttons are always enabled for use.

Show All Button:
Resets/Refreshes the Track List. Use this command to show all tracks after using the Find/Search command or to force the Track List to update to show new tracks that have been added.

Find Button:
Opens the Find Dialog. Use this button to search specific content in your libraries.

Prefs Button:
Opens SuperSync's Preferences window.

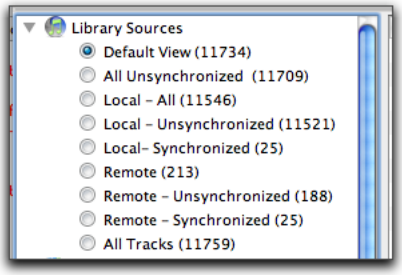
Sources List

The **Sources List** pane allows you to quickly select and view content from your library/libraries. This list puts your content into several categories: *Library Sources*

(when viewing two libraries), *Track Kinds*, *Flags and Filters*, *Problems*, *File Types*, and *Playlists*. When you select a category, SuperSync will show all content within that category (e.g. selecting *Music* shows all your Music files, selecting File Duplicates shows all songs that have duplicates, etc). You can also right-click on a category and select the 'Filter These' command to filter/hide those tracks.

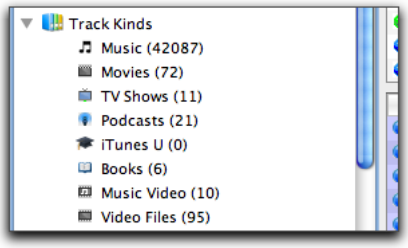
> **Tech Tip:**
> You can combine the Library Sources view with the Track Kinds, Flags and Filters, Problems, or File Types views to see tracks that match the combined criteria. For example, you can select "Local - Unsynchronized" and then select the "Movies" view to only show tracks that haven't been synchronized (criteria 1) that are movies (criteria 2). You can then select the resulting tracks in the track list and perform sync functions on those tracks.

The following is a list of the different sources/views within the Sources List and what they show:



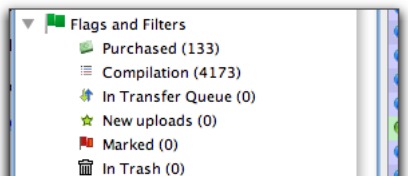
Library Sources - Library Sources is only shown if you are connected to a Remote Library. It is hidden when you are only viewing your Local Library. The following is the list of possible Library Sources:

- **Default View**:
  Displays tracks from both Local and Remote Libraries excluding synchronized tracks.
- **All Unsynchronized**:
  Displays tracks from both Local and Remote Libraries that have not been synchronized.
- **Local - All**:
  Displays all tracks in the Local Library.
- **Local - Unsynchronized**:
  Displays tracks from the Local Library that have not been synchronized with the Remote Library.
- **Local - Synchronized**:
  Displays tracks from the Local Library that have been synchronized with the Remote Library.
- **Remote**:
  Displays all tracks in the Remote Library.
- **Remote - Unsynchronized**:
  Displays tracks from the Remote Library that have not been synchronized with the Local Library.
- **Remote - Synchronized**:
  Displays tracks from the Remote Library that have been synchronized with the Local Library.
- **All Tracks**:
  Displays tracks from both Local and Remote Libraries including synchronized tracks.



Track Kinds View

- **Music**:
  Displays all music files in the Track List. This view matches iTunes' Music view.
- **Movies:**
  Displays all movie files in the Track List. This view matches iTunes' Movie view. Excludes TV Show tracks.
- **TV Shows**:
  Displays all TV show files in the Track List. This view matches iTunes' TV Shows view. Excludes movie tracks.
- **Podcasts**:
  Displays all podcast tracks. This view matches iTunes' Podcast view.
- **iTunes U**:
  Displays all iTunes U tracks. Non-audio/video files such as PDF and PowerPoint attachments are not shown.
- **Books**:
  Displays all audiobook tracks. This view matches iTunes' Books view.
- **Music Video**:
  Displays all music video tracks.
- **Video Files**:
  Displays all video files (e.g. music videos, movies, etc.)

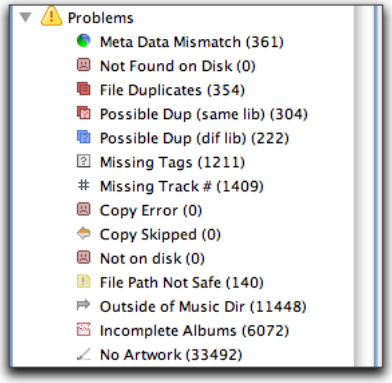


Flags and Filters View

- **Purchased**:
  Displays all Purchased tracks.
- **Compilation:**
  Displays all tracks that are part of a compilation.

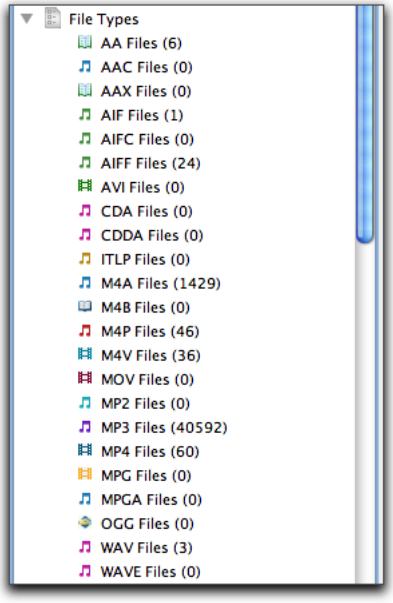
- **Marked**:
  Displays all tracks that have been marked within SuperSync using the Mark command.
- **In Trash**:
  Displays all tracks that have been placed in SuperSync's Trash. Items in SuperSync's Trash are only deleted after using the **Empty Trash** command from SuperSync's Action menu. Tracks will be removed from SuperSync's Trash if you quit before emptying the trash.

Problems View



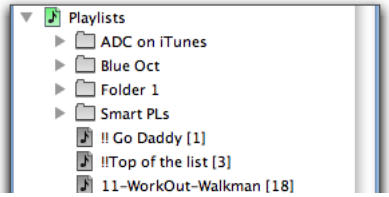
- **File Duplicates**:
  Displays tracks that are duplicates based on file size, CRC, format, etc. You can clean up File Duplicates using SuperSync's **Duplicate Inspector** (available via SuperSync's **FILE** menu) and the Put In Trash/Empty Trash commands.
- **Possible Dup (same lib)**:
  Displays tracks that are *possible* duplicates in the same library where artist, album and title match. SuperSync's **Duplicate Inspector** (available via SuperSync's **FILE** menu) is helpful in determining which files are true duplicates.
- **Possible Dup (dif lib)** :
  Displays tracks that are possible duplicates across two libraries where artist, album and title match. SuperSync's **Duplicate Inspector** (available via SuperSync's **FILE** menu) is helpful in determining which files are true duplicates.
- **Meta Data Mismatch**:
  Displays synchronized tracks that are in both the Local and Remote libraries but the track's meta data doesn't match (e.g. the Local track has a 1 star rating and the Remote track has a 5 star rating). SuperSync's Update Meta Data action will resolve these issues.
- **Missing Track #**:
  Displays tracks that are missing track number tags. You can fix these tracks by modifying the tracks' track number info within iTunes by using iTunes' 'Get Info' command.
- **Copy Error**:
  Displays tracks that did not sync to another library due to a copy error (e.g. you try to sync tracks to a read-only library).
- **Not On disk** :
  Displays tracks that are listed in a library but are not actually on a hard disk. These tracks are also known as orphaned tracks.
- **File Path Not Safe**:
  Displays tracks that have characters in their file name that are illegal on certain platforms (e.g. apostrophe (') aren't allowed on Windows).
- **Incomplete Albums**:
  Displays tracks that are part of an incomplete album (e.g. an album that has 10 tracks but you only have 9 tracks)
- **No Artwork**:
  Displays tracks that do not have embedded artwork. Note, tracks can show artwork in iTunes and not have embedded artwork.

File Types View



- **AA Files**: Displays AA (Audible) files.
- **M4A Files (AAC)**: Displays M4A (AAC) files.
- **M4B Files (AAC)**: Displays M4B (AAC) files.
- **M4P Files (Protected)**: Displays M4P (protected) files.
- **M4V Files**: Displays M4V files.
- **MP3 Files**: Displays MP3 files.
- **MP4 Files**: Displays M4A files.
- **MPG Files**: Displays MPG files.
- **WAV Files**: Displays WAV files.
- **Ogg Vorbis Files**: Displays OGG files.
- **MP2 Files**: Displays MP2 files.
- **AAC Files**: Displays AAC files.
- **WAV Files**: Displays M4P (protected) files.
- **AVI Files** : Displays AVI files.
- **AIFF Files** : Displays AIFF files.
- **M4P Files** : Displays M4P files.
- **MOV**: Displays MOV files.
- **Ringtone**: Displays Ringtones.

Playlist View

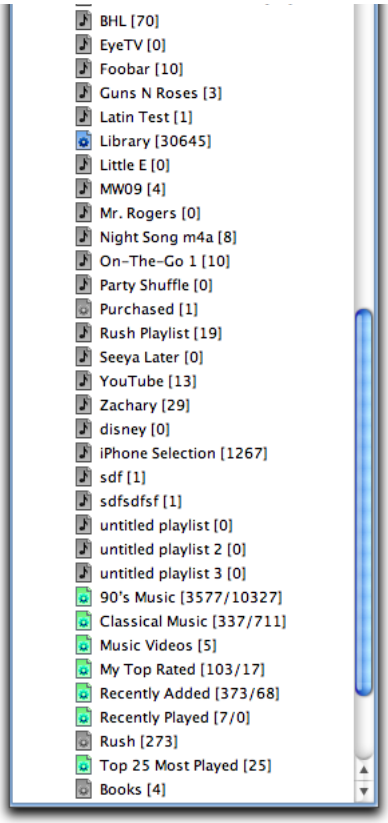


If your Local Library is an iTunes library, the Sources List will show your iTunes Playlists ('standard playlists' and Smart Playlists). If your Remote Library is also an iTunes library, the Remote library's playlists will also be shown.

Playlists are displayed in fashion similar to iTunes' playlists. In SuperSync playlists are also color

coded. Gray playlists are in the Local Library, Blue playlists are in the Remote Library, Green playlists are playlists that are in both library (but may not have the same tracks).

SuperSync can synchronize playlists. For more information, read the Playlist Synchronization section later in this manual.



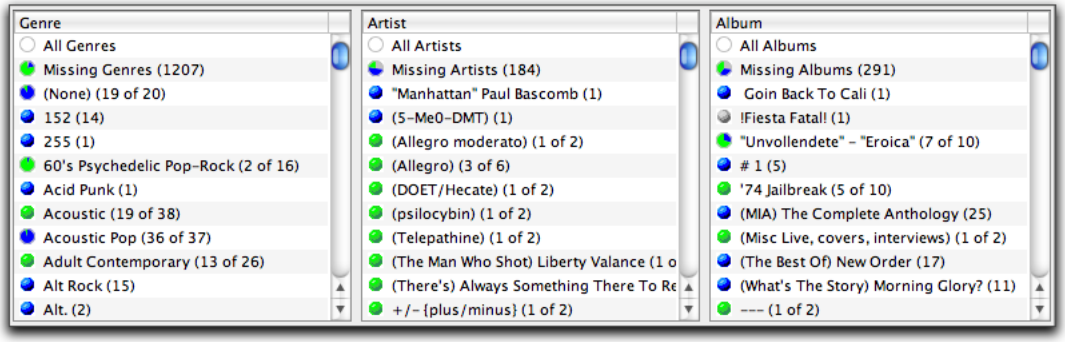
Artwork Pane

The Artwork pane display a selected track's artwork if the track has artwork embedded within the file. You can show/hide the Artwork pane by using the selecting the **Show Artwork** command in SuperSync's **Controls** menu.

> Note: tracks can either have embedded artwork (i.e. artwork is part of the file) or have artwork external to the file in iTunes' artwork database. SuperSync can only view and transfer artwork if the artwork is embedded into the track.

Genre, Artist, and Album Column Browser

At the top of the Track List pane, you'll see the Genre, Artist, and Album Column Browser. Selecting an item in these columns displays all tracks matching that Genre, Artist, or Album. For example, if you Alternative from the Genre column, the Track List will show all tracks in the Alternative column. You can subsequently use the Artist and Album columns to refine your track listings. When you are done, click the **Show All** button to view all your tracks.



Track List:
The **Track List** displays a cumulative listing of all of your libraries' files, along with information about their synchronization status and location. Each column can be sorted in ascending or descending order by clicking on the column header. Selecting different sources/views from the Sources list changes or using the Find Dialog changes what tracks are shown in the Track List (although you can always use the 'Show All' button/command to reset the Track List). The following describes the Track List's different columns and their functionality:

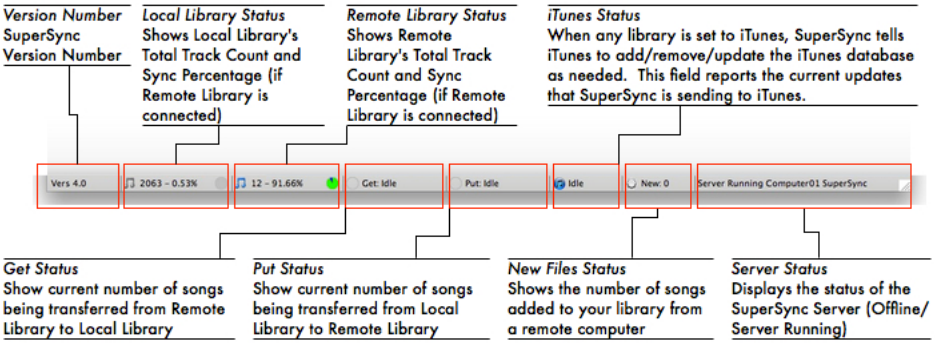
- The **Source** column uses colored icons to indicate the location and sync status of a track. Read the **Source Icons** heading later in this section for a list of possible icons and their definitions.
- The **Flags** column uses letter flags to indicate any particular status of note for each file. Read the **Flag Icons** heading later in this section for a list of possible icons and their definitions.
- The **Title** column displays the title of each file.
- The **Artist** column displays the artist of each file.
- The **Album** column displays the album of each file.
- The **Track** column displays the track number of each file.
- The **Genre** column displays the genre of each file.
- The **Size** column displays the file size of each file.
- The **Time** column displays the song length of each file.
- The **BR** column displays the bit rate of each file.
- The **Kind** column displays the file type (e.g. MP3, M4V, MP4, etc.)
- The **Rating** column displays the Rating of a track. Note: Ratings are set in iTunes.

More columns of track information can be displayed or disabled in the View tab in SuperSync's Preferences window.

	Title	Artist	Album	Track	Genre	Size	Time	BR	Kind
	Typical Situation (Live)	Dave Matthews Band	Live At Luther College (Disc 2)	1 of 11	Rock	8,451,722	07:02	160	mp3
	Stream (Live)	Dave Matthews Band	Live At Luther College (Disc 2)	2 of 11	Rock	6,996,702	05:49	160	mp3
	Warehouse (Live)	Dave Matthews Band	Live At Luther College (Disc 2)	3 of 11	Rock	11,145,46	09:17	160	mp3
	Christmas Song (Live)	Dave Matthews Band	Live At Luther College (Disc 2)	4 of 11	Rock	6,496,718	05:24	160	mp3
	Seek Up (Live)	Dave Matthews Band	Live At Luther College (Disc 2)	5 of 11	Rock	9,270,400	07:43	160	mp3
	Say Goodbye (Live)	Dave Matthews Band	Live At Luther College (Disc 2)	6 of 11	Rock	6,401,633	05:19	160	mp3
	Ants Marching (Live)	Dave Matthews Band	Live At Luther College (Disc 2)	7 of 11	Rock	6,535,379	05:26	160	mp3
	Little Thing (Live)	Dave Matthews Band	Live At Luther College (Disc 2)	8 of 11	Rock	7,574,530	06:18	160	mp3
	Halloween (Live)	Dave Matthews Band	Live At Luther College (Disc 2)	9 of 11	Rock	3,611,233	03:00	160	mp3
	Granny (Live)	Dave Matthews Band	Live At Luther College (Disc 2)	10 of 1:	Rock	4,050,090	03:22	160	mp3
	Two Step (Live)	Dave Matthews Band	Live At Luther College (Disc 2)	11 of 1:	Rock	7,901,061	06:34	160	mp3
	Crush	Dave Matthews Band	Misc		Rock	6,878,628	08:11	112	mp3
	Don't Drink	Dave Matthews Band	Misc		Rock	4,286,638	04:28	128	mp3

Status Bar

At the bottom of the SuperSync window is the SuperSync Status Bar. This Status Bar displays the status of SuperSync and its various features.


Version Number
SuperSync Version Number
Local Library Status
Shows Local Library's Total Track Count and Sync Percentage (if Remote Library is connected)
Remote Library Status
Shows Remote Library's Total Track Count and Sync Percentage (if Remote Library is connected)
iTunes Status
When any library is set to iTunes, SuperSync tells iTunes to add/remove/update the iTunes database as needed. This field reports the current updates that SuperSync is sending to iTunes.
Vers 4.0
2063 - 0.53%
12 - 91.66%
Get: Idle
Put: Idle
Idle
New: 0
Server Running Computer01 SuperSync
Get Status
Show current number of songs being transferred from Remote Library to Local Library
Put Status
Show current number of songs being transferred from Local Library to Remote Library
New Files Status
Shows the number of songs added to your library from a remote computer
Server Status
Displays the status of the SuperSync Server (Offline/ Server Running)

The Status Bar contains the following fields:

- **Version Number**
  Shows the SuperSync Version Number. Please note that all computers running SuperSync should have the same version number.

- **Local Library Status**
  Shows Local Library's Total Track Count and Sync Percentage (if Remote Library is connected). If you place and hover your mouse cursor over this field, a tooltip will appear with additional information about your Local Library.

- **Remote Library Status**
  Shows Remote Library's Total Track Count and Sync Percentage (if Remote Library is connected). If you place and hover your mouse cursor over this field, a tooltip will appear with additional information about your Remote Library.

- **Get Status**
  Show current number of tracks being transferred from Remote Library to Local Library. This field is only active when you are transferring tracks between two libraries.

- **Put Status**
  Show current number of tracks being transferred from Local Library to Remote Library. This field is only active when you are transferring tracks between two libraries.

- **iTunes Status**
  When any library is set to iTunes, SuperSync tells iTunes to add/remove/update tracks to the iTunes database as files are transferred

between libraries. This field reports the current updates that SuperSync is sending to iTunes. Note, in some cases, you may notice this field as 'stuck' in the process of updating. If this happens, switch to iTunes as iTunes may have a dialog open preventing SuperSync from sending its update commands.

- **New File(s) Status**
  Shows the number of tracks added to your library from a remote computer.

- **SuperSync Server Status**
  Displays the status of the SuperSync Server (Offline or Server Running). If this field reports 'Offline' as the status, other SuperSync computers will not be able to connect to this computer. Note, you can enable/disable the SuperSync Server in SuperSync's Preferences in the Network tab.

Source Icons

All files in your library have a colored dot next to them:
Gray dot means a local, unsynchronized track
Blue dot means a remote, unsynchronized track
Green dot means a local synchronized track.
Turquoise Green dot means a remote synchronized track, on your remote library. These tracks are usually omitted so that you don't see two of every synchronized track.

Pie charts are used to give you an idea of how much of each album, artist, and genre are synchronized. Blue is remote library, gray is local, and green is synchronized.

Flag Icons

Tracks in your library may have different "flags" associated with them. Flags can represent a state of the track that helps you manage your music. A short abbreviation is available for many types of flags -- a quick overview is available by selecting "Flag Codes" in the Status Menu, which will show a short list of flags and very brief explanation.

Flag	Description
	Local Unsynchronized - In local library and not remote library
	Remote Unsynchronized - In the remote library and not in the local library
	Local Synchronized track - This exact file is in both libraries
	Remote Synchronized track - This exact file is in both libraries. To avoid showing all synchronized tracks twice, this is normally filtered.
	File duplicate: Appears to be the exact file (file size and all tags match)
	Not found on Disk: Track does not appear to be on the disk where it should be. A rescan is recommended.
	Compilation: Music track part of a compilation
	No Track Number - An audio file without a track number tag
	File Copy Error; The file was not synchronized. May be network error, or read/write error.
	Incomplete; Not part of an entire album. A perfect track is part of a complete music album that has all the tags defined. Used for those who like to collect full albums.
	Possible Duplicate: All information is the same except the genre does not match
	Possible Duplicate: All information is the same except the genre does not match
	Contains a file path that may not be legal on all computer systems.
	File is outside of root library path. Files outside the root path may be on an external drive or other location.
	In Get Queue; Marked for downloading from remote site or library
	In Put Queue: Marked for uploading to your remote library
	MP3 File Type
	M4A File Type
	M4A File Type
	AA/Audio book
	MP4 File Type
	Movie File
	Local Playlist
	Local Playlist
	In trash - To be deleted

SuperSync Window Settings

The SuperSync Window can be modified in several ways. You can resize the **Sources List** column and **Track List** columns by moving your mouse cursor to the border of a column until your cursor changes to a resize cursor (↔ or ↕) and then dragging the border.

You can also control the Track List's font size and the columns shown in the Track List by. You can access these settings in SuperSync's Preferences in the View tab.

SuperSync Window Wrap Up

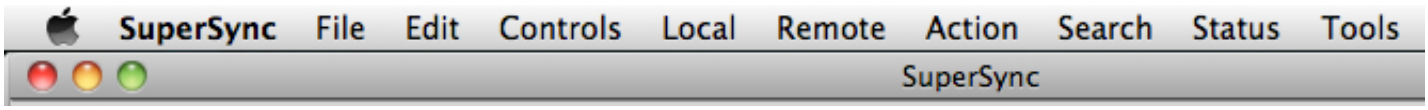
Now that you have learned about the SuperSync Window's features, you can proceed to the next section in our manual, SuperSync Menus. This next section describes all of the SuperSync's menus and their use.

Menus

Most of SuperSync's functionality can be accessed via the SuperSync Window but there are additional features available via SuperSync's Menu bar and contextual menus.

> **Tech Note:**
> The menu bar is the bar at the top of the SuperSync window that starts with the FILE menu. Contextual menus are menus that appear when your right-click within certain parts of the SuperSync window. Menu bars don't change but contextual menu bars may change depending on where you clicked within the SuperSync window.
>
> **Important Note:**
> SuperSync's Menu commands are identical on both Mac and Windows. However, due to OS standards, certain commands are located in different menus. These differences will be noted.

Menu Bar Menus and Commands



SuperSync Menu (Mac Only)

- **About SuperSync (Mac Only)**:
  Shows SuperSync's splash-screen with version and registration information
- **Preferences (Mac Only):**
  Opens the Preferences window
- **Quit (Mac Only):**
  Quits SuperSync

File Menu

- **Log Window:**
  Shows SuperSync's log window. When you open this window, SuperSync starts logging it's actions and error messages. This information is useful for diagnostic purposes.
- **Transfer Status:**
  Opens the Transfer Status window and displays a running status log of transfers between your Local and Remote libraries. This window is useful to tracking the the status of your file transfers.
- **Duplicate Inspector**:
  Open the Duplicate Inspector window. The Duplicate Inspector is useful for identifying duplicate tracks and marking them for deletion.
- **Exit (Windows Only)**:
  Exits/Quits SuperSync.

Edit Menu

- **Copy**, **Cut**, **Paste** and **Select All:**
  Use these commands with text within SuperSync's dialogs
- **Preferences (Windows Only):**
  Opens the Preferences window

Controls Menu

- **Show Artwork:**
  When checked, the Show Artwork command opens the **Artwork Pane** in the SuperSync Window.
- **Previous Track, Play/Pause, Next Track commands:**
  The **Previous Track, Play/Pause, and Next Track** commands control SuperSync's Music Player. These commands affect the currently selected song in the SuperSync Track List.
- **Volume Up/Down:**
  Change's SuperSync's volume (in 5% increments)

Local Menu

- **Configure Local Library:**
  This command lets you configure your Local Library's type. Your Local Library can be either a) your iTunes Library (default), b) a mass storage device (e.g. a USB hard drive, a networked drive on a server/NAS, or a folder/directory on any hard drive), or c) an new music library (i.e. a music folder that will receive all music from a Remote library). Selecting this command opens the **Configure Local Library** window. This feature is discussed in detail in the Configuring Your Local Library section later in this manual.
- **Local Library Info:**
  Displays the current configuration of your Local Library.
- **Rescan Local Library:**
  This command scan the Local Library for any tracks that have been added/deleted since you started SuperSync. If your Local Library is set to iTunes, the Rescan command will also tell iTunes to update its database with the changes that SuperSync found.
- **Pause iTunes Updates:**
  This command tells SuperSync to not send update commands to iTunes.

Remote Menu

- **Configure Remote Library:**
  This command lets you configure your Remote Library's type. Your Remote Library can be either a) another SuperSync computer, b) a mass storage device (e.g. a USB hard drive, a networked drive on a server/NAS, or a folder/directory on any hard drive), c) a iPod/iPhone/iPad, or d) a iTunes library file (a XML file that points to a folder that contains iTunes tracks). Selecting this command opens the **Configure Remote Library** window. This

feature is discussed in detail in the Configuring Your Remote Library section later in this manual.

- **Remote Library Info:**
  Displays the current configuration of your Remote Library.
- **Connect to Server...:**
  This command opens a window where you can either manually enter the IP/Host address of another SuperSync computer or see a historical list of all the SuperSync computers that you have connected to.
- **Connect to LAN Server...:**
  Shows all SuperSync Computers running on your LAN network. Note, the SuperSync Server must be running on those computers in order for you to see a LAN connected SuperSync Server.
- **Connect to iPod/iPhone/iPad:**
  This command immediately connects a iPod/iPhone/iPad connected to your computer. Use this command when you want to back up the contents of an iDevice.
- **Read iTunes XML:**
  This command opens a window where you can tell SuperSync to connect to a iTunes library file (an XML file that points to a folder that contains iTunes tracks). This is useful if you want to backup or sync another iTunes library, complete with playlists, song ratings, etc to your Local Library. This command is often used when communicating with another iTunes library from another user on your same computer.
- **Refresh Remote Library:**
  This command tells SuperSync check the Remote Library for any new changes (e.g. tracks that have been added/deleted since you started SuperSync)
- **Close Remote Library:**
  This command closes SuperSync's connection to the Remote Library.

Action Menu

- **Get Info:**
  Displays information about the track, including file path, etc.
- **Play:**
  Starts playing the selected track using SuperSync's built-in Music Player.
- **Open in iTunes:**
  Opens the selected track within iTunes
- **Get Tracks:**
  Copies the selected track(s) from the Remote Library to Your Local Library.
- **Sync Tracks:**
  This command takes the copies files between your library as needed. For example, if you select a song in your Local Library and another in a Remote Library (a total of two songs selected) and then select the Sync Tracks command, SuperSync will 'get' one track into the Local Library and 'put' the other track in the Remote Library.
- **Put Tracks:**
  Copies the selected track(s) from your Local Library to the Remote Library.
- **Sync Playlist:**
  This command will take a selected Playlist in the Sources List and adds it to

iTunes. This command is only enabled when all the tracks in that playlist exist in both libraries and when both the Local and Remote Libraries are set to use iTunes as their libraries. Sync Playlists does not work with 'Smart Playlists'.

- **Update Meta Data:**
  This command opens the Update Meta Data window. This command/window let's you modify track meta data so that both tracks are identical in both libraries. This command is only enabled when you select 'meta mismatched' tracks. These are tracks that a) have been synchronized and b) have different meta data in each library.
- **Mark Tracks/Unmark Tracks:**
  These commands let you mark/unmark or tracks for later inspection or syncing. Marked tracks will appear in the the **Sources List** under the **Flags and Filters** in the **Marked** view.
- **Show In Finder (Mac)/Show In Explorer (Windows):**
  This command opens the folder/directory that contains the selected track.
- **Compare Tracks:**
  When two tracks are selected in the Track List, this command will open a window that will compare the tracks side by side. If you select a single track, the closest match will be selected for you. Select two tracks and the use this
- **Put In Trash:**
  This command puts the select track(s) in SuperSync's Trash. Tracks in SuperSync's Trash are marked for deletion but they are still on your hard drive. To permanently delete a track, you must first put it in the **Trash** and then select the **Empty Trash** command. Marked tracks will appear in the the **Sources List** under the **Flags and Filters** in the **In Trash** view. Note: If you quit SuperSync before you Empty Trash, tracks in the In Trash will be taken out of the trash.
- **Remove From Trash:**
  This command removes the selected track from SuperSync's Trash.
- **Empty Trash:**
  This command permanently deletes any tracks that are in SuperSync's trash. This command cannot be undone.

Search Menu

- **Search Tracks:**
  This open the SuperSync Search Window. This window allows you to search your Local and Remote libraries for tracks. Your search results will be displayed in SuperSync's Track List.
- **Show All and Resort:**
  This command clears your search results and returns the Track List to its default state.
- **Show Matching Artist:**
  With a track selected, this command shows other tracks by the same artist.
- **Show Matching Album:**
  With a track selected, this command shows other tracks from the same album.
- **Show Duplicates:**
  With a track selected, this command shows duplicates, if any, of the selected track.

- **Search iTunes, Amazon, etc:**
  NEW FEATURE IN 4.0: With a track selected, these commands perform a **web search** based on that track. Depending on your selection, this will open your default web browser (or iTunes) and perform search based on your selected track.

Status Menu

These commands switch what is shown in the **SuperSync Window's *Status Pane***.

- **System Status**:
  Shows Version, memory, up time, and other system stats
- **Library Status**:
  Shows stats on local and remote libraries
- **Player Status**:
  Shows current song playing and time remaining
- **Server Status**:
  Shows server information
- **Transfer Status**:
  Shows upload and download progress
- **Selection Status**:
  Shows number of tracks selected
- **iTunes Status**:
  Shows iTunes info, including library size, last xml rescan time, and update progress.
- **Lock Status**:
  Locks the status to prevent it from changing to another topic. Also unlocks the automatic change.

Tools Menu

- **Show Help Window**
  Shows the SuperSync documentation (this manual)
- **Online FAQ**
  Visit our online web Frequently Asked Questions page
- **SuperSync Web Site**
  Visit our web site for deals, tips, and tutorials
- **Register/Add Licenses**
  Enter your registration codes or get information about more licenses
- **Check my IP Address**
  Looks up IP address and finds global IP (requires network)
- **Open Personal Web Browser**
  View the web interface in a browser
- **Check for updates**
  Checks SuperSync' website to find a version update
- **Check iTunes Connection**
  Checks AppleScript or COM connection to iTunes
- **Open Settings Directory**
  Opens SuperSync's Settings directory/folder. This is useful for quickly

accessing SuperSync's log files.

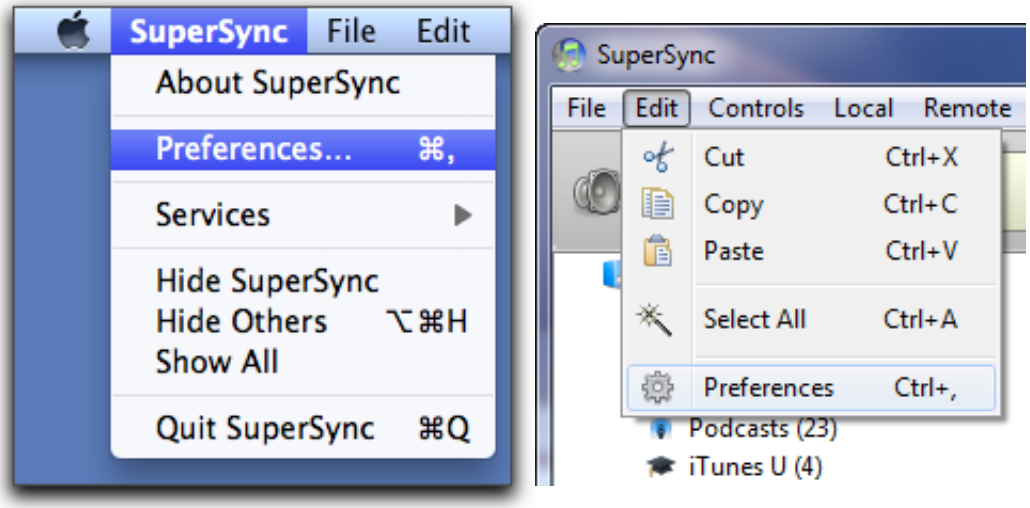
- **Facebook:**
  Shares SuperSync info via a Facebook News Feed post or Message with a link to SuperSync. Note, you must login to Facebook to complete the process. Referral business is appreciated.
- **Tell a Friend**:
  Launches your email client with a link to SuperSync. Referral business is appreciated.
- **Send us a Suggestion or Bug Report**:
  This opens a window where you can quickly contact us.
- **About SuperSync (Windows Only):**
  Shows SuperSync's splash-screen with version and registration information

SuperSync Menus Wrap Up

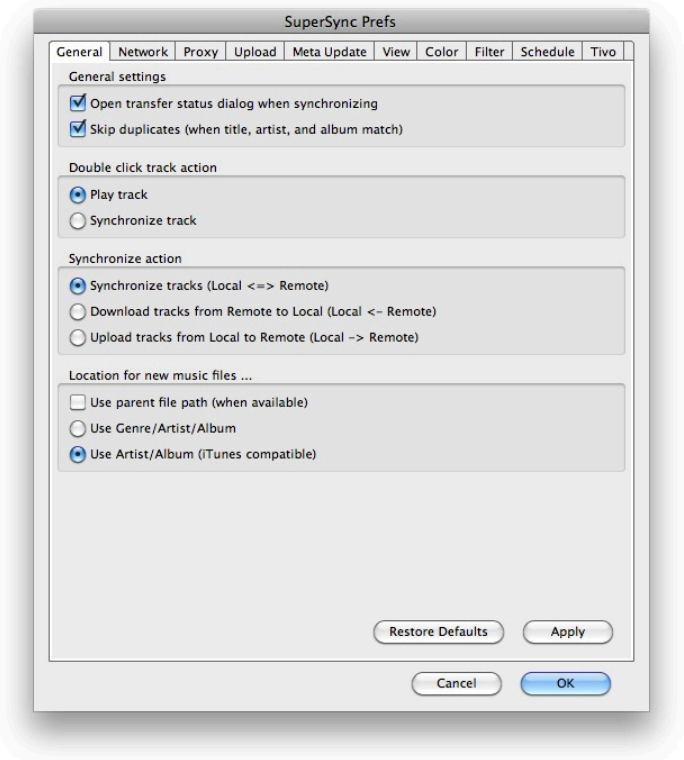
Now that you have learned about the SuperSync's Menus, you can proceed to the next section in our manual, SuperSync Preferences. This next section describes all of the SuperSync's Preferences window and their use.

Preferences

SuperSync's user preferences can be configured from the **Preferences** window. This window can be accessed by selecting Preferences from SuperSync's FILE menu (Mac) or EDIT menu (Windows) or by clicking the Prefs icon in SuperSync's toolbar.



This will open the Preferences window:



The Preference window contains the following tabs:

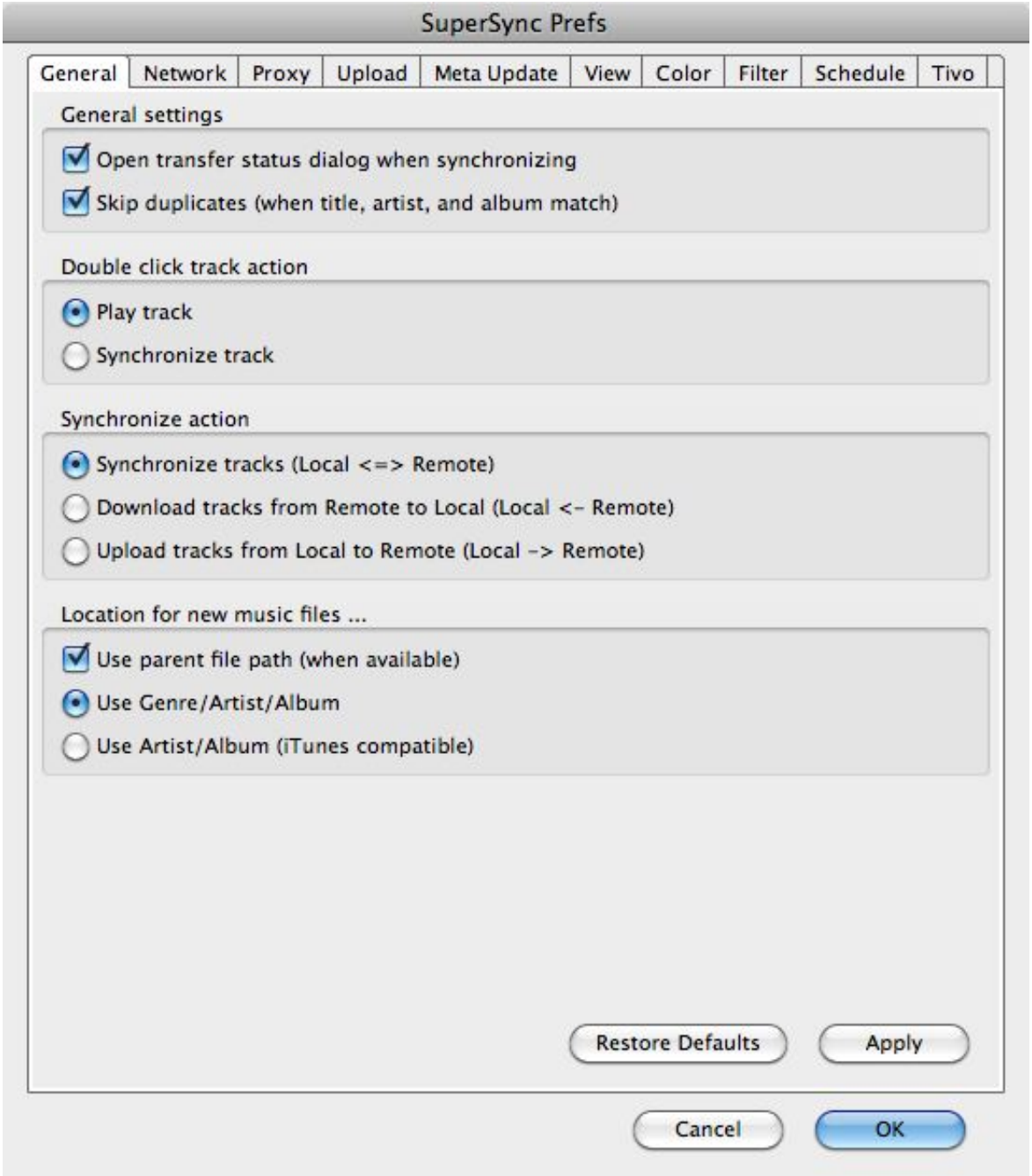
- General Settings

- Network Settings
- Proxy Settings
- Upload Settings
- Meta Update Settings
- View Settings
- Color Settings
- Filter Settings
- Schedule Settings
- Tivo Settings

SuperSync Preferences Wrap Up

SuperSync's Preferences allow you to enable and customize various SuperSync features. In many cases, the defaults for these settings will meet your needs. When you are finished reading this section, proceed to the next section in our manual, Configuring the Local Library.

General Settings



The **General Settings** tab has several checkboxes and radio buttons to customize the general SuperSync experience:

Open Transfer Dialog When Synchronizing enables or disables the launching of the **Transfer Status Window** during a Get, Sync, or Put action.

Skip duplicates (when title, artist, and album match)
When checked makes it harder to copy duplicates from one library to another. This should be checked until you know for sure that you want to have more than one copy of the same song. (For instance, a high-quality version and a low quality version, etc.) Even with this checked, SuperSync should allow you to copy songs

from an album that contain the same title more than once as long as the track count is set properly.

Show track URL (file path) in song table enables the last column in the song table that shows the file path of the track (or numeric index, for network libraries.) Enable this if you need to see a file path to help locate file duplicates.

Double Click Track Action has two radio button options that determine what happens when you double click a track: start playing the track or begin the a Sync action.

Synchronize Action configures what the Sync action does. By default, Sync will 'Get' and 'Put' songs between your two libraries providing two-way synchronization. In some cases, two-way synchronization is not what you want to do. To avoid accidentally uploading or downloading a file, you can adjust this setting.

> **Note**: Some library types, such as read only libraries and iPod/iPhone/iPad libraries, do not support two-way synchronization.

The *Location for new music files* options determines how new tracks are saved in your library when you receive a new track (via a Get or Sync action).

The ***Use parent file path*** lets you save the music in the location that it is saved in on the remote hard drive, relative to the library's root directory. If the track is outside of the root directory (marked ➦) the file will be saved in the selected format below.

The *Use Genre/Artist/Album/* option sets new tracks to be added as 'Genre/Artist/Album/trackname.ext'

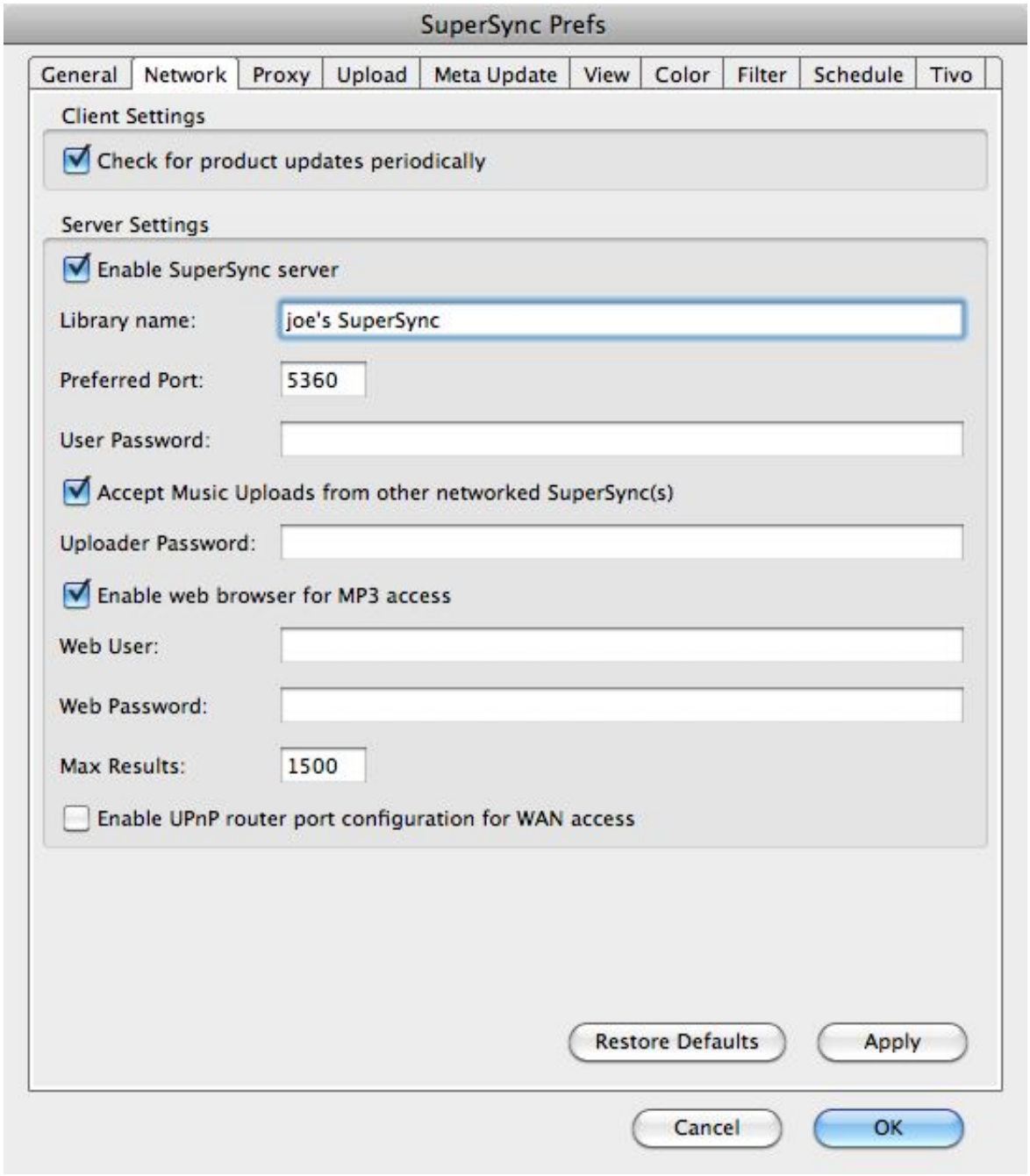
The *Use Artist/Album (iTunes Compatible)* option sets new tracks to be added as 'Artist/Album/## Track.ext' (note ## is the track's track number)

The **Restore Defaults** button reverts back to the default setting of each preference. The **Apply** button immediately saves any changes that may have been made in this tab.

The **Cancel** button cancels any changes made in this tab and closes this window. The **OK** button saves any changes made in this tab and closes this window.

[Return to the **Preferences** Section in this manual]

Network Settings



The **Network Setting** tab configures the SuperSync's network activity:

The *Client settings* let you enable/disable periodic checking for SuperSync updates. If a new version is available, you will be given the opportunity to download a free upgrade. You can disable this feature and manually check the SuperSync web site for updates, or by selecting the **Check for Updates** in SuperSync's Help Menu.

The *Server Settings* configure the SuperSync Server. The SuperSync Server is what lets other SuperSync computers connect to this computer. The server also allows you to access your music via a web browser.

You should enable the server when you plan to access this machine's library from

other machine(s). If you have a large primary collection of music on one machine that you'd like to act as the master, you should enable the server on that machine. (The other computers can run in client mode, downloading and uploading music to and from this server.)

Enable Music Server turns on the SuperSync Media Server. Enable the server when you want to access this music library over a network.

Library Name Is just a name to help you recognize your library locally. Give it a name like "Joe's office music" or "Basement Media Server" or whatever is descriptive.

User Password Turns on password protection for your server. A password is recommended for everyone, but only required if you have the UPnP checked. Note that a 'user name' is not required or used.

Accept Music Uploads Turns on SuperSync's ability to receive music uploads from other SuperSync's on the network. *This option is enabled by default.*

Uploader Password Is a separate password for upload permission. It can be the same as the download/browse password, but since it can cause your machine to fill up with music, a password is required to prevent unauthorized uploads.

Enable web browser library access lets you access your music from a web browser if enabled. See Web Browser Access for more details. *This option is enabled by default.*

Web user / password combination lets you restrict access to your music to an authorized user.

Max Results limits the maximum number of results to return for a web request. The default is 1500 items (items can be tracks, artists, albums, genres or search results).

Enable UPnP router port configuration instructs SuperSync to try to set up your router so that SuperSync can be used outside of your router's firewall. This advanced topic is covered more in detail the WAN Access section in this manual.

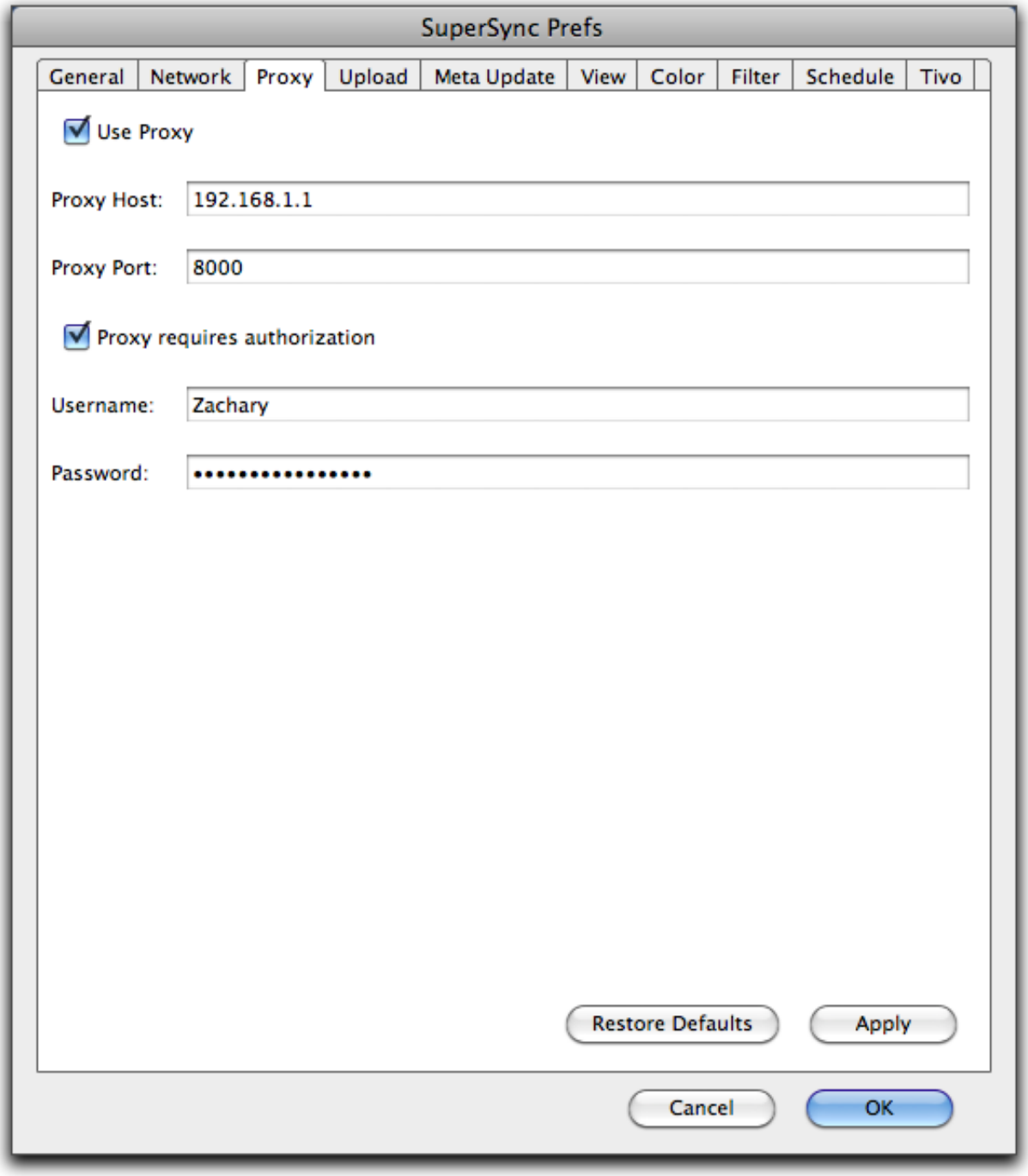
The **Restore Defaults** button reverts back to the default setting of each preference. The **Apply** button immediately saves any changes that may have been made in this tab.

The **Cancel** button cancels any changes made in this tab and closes this window. The **OK** button saves any changes made in this tab and closes this window.

See also: Web server, WAN Access.

[Return to the **Preferences** Section in this manual]

Proxy Settings -



If you use a proxy host, you can configure SuperSync to run through it. Checking *Use Proxy* enables the settings for the proxy host and the proxy port. If your proxy requires username and password authorization, checking *Proxy requires authorization* enables you to input your username and password.

Proxy use is only partially supported at this time. Your proxy server must be configured to not time-out on SuperSync requests.

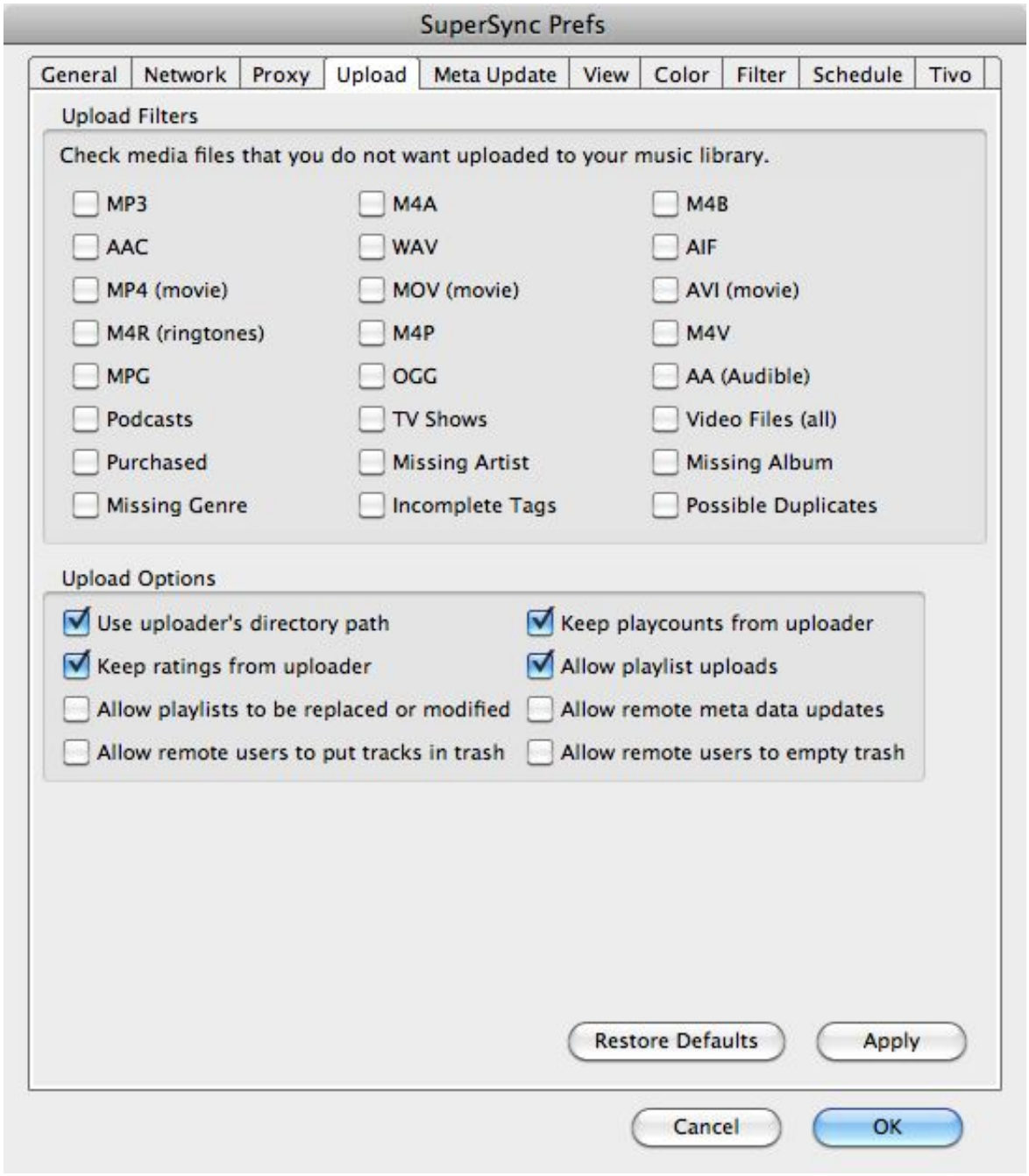
Proxy settings are for advanced users. Most users should keep the Use Proxy unchecked.

The **Restore Defaults** button reverts back to the default setting of each preference. The **Apply** button immediately saves any changes that may have been made in this tab.

The **Cancel** button cancels any changes made in this tab and closes this window. The **OK** button saves any changes made in this tab and closes this window.

[Return to the **Preferences** Section in this manual]

Upload Settings



SuperSync provides *upload filters* to prevent specific file types from being added to your music library:

- Files of various extensions -- MP3, M4A, M4B, WAV, MP4, AVI, M4A, AAC, AIF, MOV
- Files with the artist tag missing
- Files with the album tag missing
- Files with the genre tag missing
- Files with any missing or incomplete tags
- Files with Possible Duplicates (where title, artist, and album match)

SuperSync lets you (and authorized users) to manage your library remotely. Enable these settings with care. Anyone with an upload password will have access to the features below that are enabled.

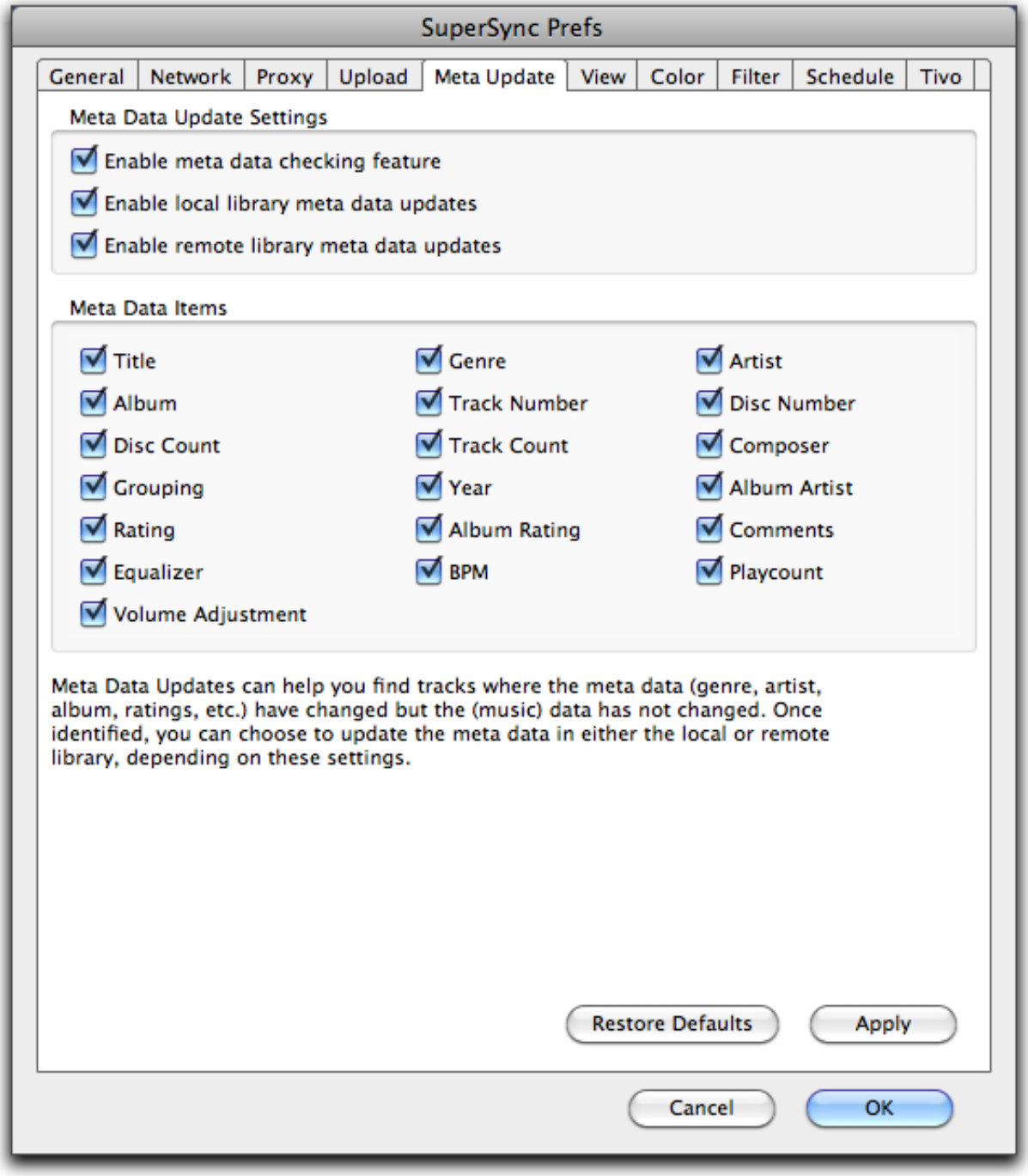
- **Use uploader's directory path** lets you save the music in the format that it is saved in on the remote hard drive, relative to the library's root directory. If the media file is outside of the root directory (marked ➦) the file will be saved in the default format for your library.
- **Keep ratings from uploader** – transfers the iTunes ratings to your iTunes (when available and when both libraries are set to use iTunes)
- **Allow playlist to be replaced or modified** – lets users replace or modify your playlists remotely
- **Allow remote users to put tracks in trash** – lets users put your library tracks in the trash remotely. You will still need to manually empty the trash from the Controls menu.
- **Keep play counts from uploader** – transfers the iTunes played count to your iTunes (when available and when both libraries are set to use iTunes)
- **Allow playlist uploads** – lets users sync/create playlists to your iTunes
- **Allow remote track meta data update** – lets users replace track tags remotely (see more about meta data updates)
- **Allow remote users to empty trash** – lets users empty your SuperSync's Trash and therefore permanently deleting any trashed songs.

The **Restore Defaults** button reverts back to the default setting of each preference. The **Apply** button immediately saves any changes that may have been made in this tab.

The **Cancel** button cancels any changes made in this tab and closes this window. The **OK** button saves any changes made in this tab and closes this window.

[Return to the **Preferences** Section in this manual]

Meta Updates Settings



The **Meta Update Settings** view lets you configure the meta data update feature of SuperSync:

SuperSync has a powerful utility to help track down modified tracks that differ in two libraries. The Meta Data Updater allows you to find tracks that contain the same music data but the meta tags are different. See synchronizing meta data for more information.

Enable meta data checking feature

Check this feature to have SuperSync watch for tracks that are the same in two libraries but where the tags may differ. Uncheck this to disable CRC checking and ability to modify any tags. You may want to disable to feature if you're on a slow network drive and don't want the overhead of downloading the files to determine their data content checksum.

Enable local library meta data updates

Check this feature to have SuperSync watch for tracks that are the same in two libraries but where the tags may differ. Uncheck this to disable CRC checking and ability to modify any tags. You may want to disable to feature if you're on a slow network drive and don't want the overhead of downloading the files to determine their data content checksum.

Enable remote library meta data updates

Check this feature to have SuperSync watch for tracks that are the same in two libraries but where the tags may differ. Uncheck this to disable CRC checking and ability to modify any tags. You may want to disable to feature if you're on a slow network drive and don't want the overhead of downloading the files to determine their data content checksum.

Check which meta data you would like to sync

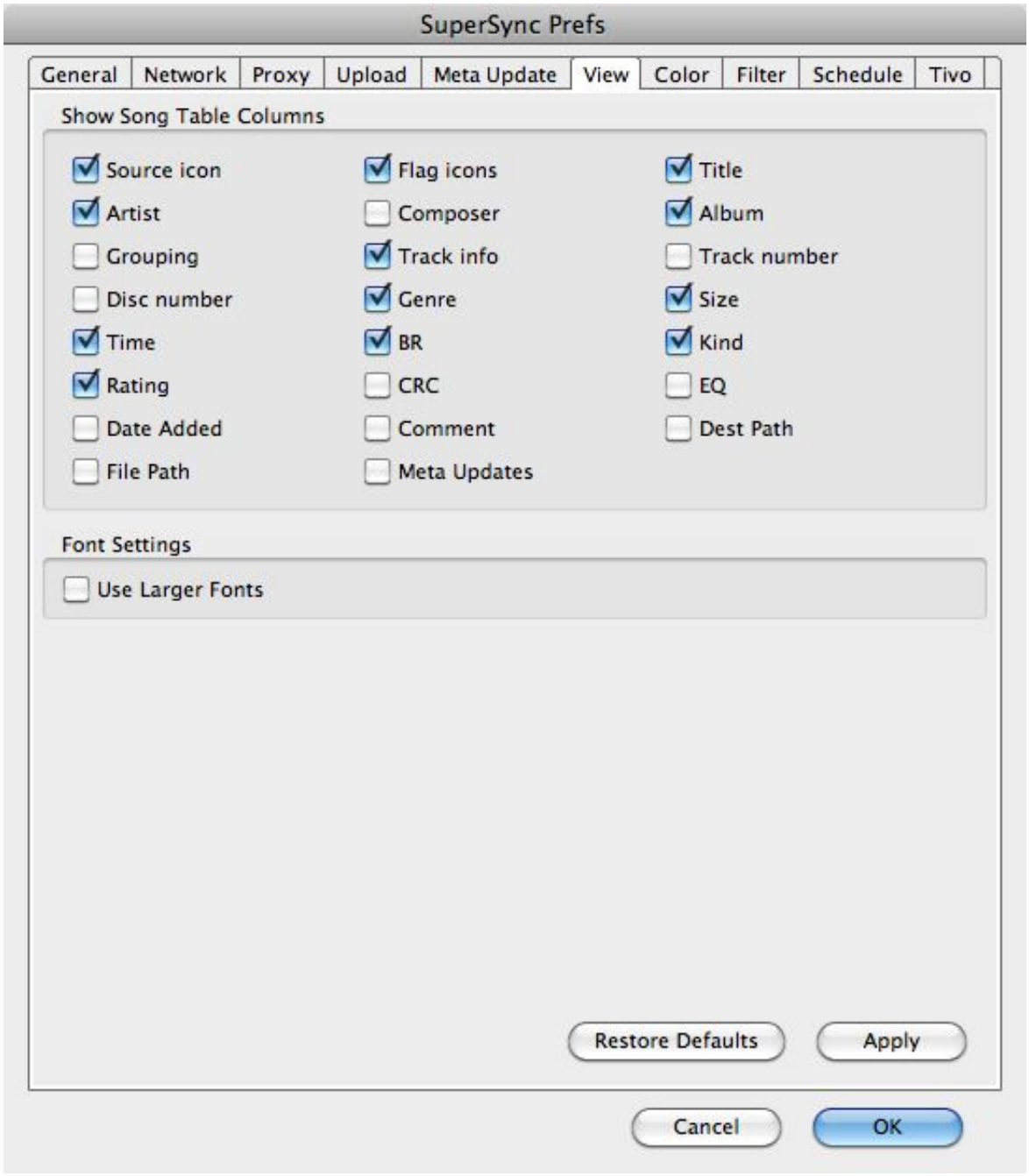
Use the check boxes to turn on or off meta data that should be synchronized. Close then open the remote library to apply the changes.

The **Restore Defaults** button reverts back to the default setting of each preference. The **Apply** button immediately saves any changes that may have been made in this tab.

The **Cancel** button cancels any changes made in this tab and closes this window. The **OK** button saves any changes made in this tab and closes this window.

[Return to the **Preferences** Section in this manual]

View Settings



The **View Settings** lets you configure what columns are shown in SuperSync's Track List.

The **Show Song Table Columns** checkboxes allow you show/hide the following columns in the Track List:

- Artist
- Album
- Composer
- Grouping (an iTunes only meta tag)
- Track info (track and disc info)

- Track number (just the track ## of ##)
- Disc Number (disc number and number of disc in series)
- Genre
- Size
- Time
- BR (Bitrate)
- Kind (mp3, m4a, mov, etc.)
- CRC (A calculated 8 digit hexadecimal number based on the data portion of the track that should be unaffected by changes to meta data)
- Rating
- EQ (iTunes Equalization setting)
- Comment
- File Path

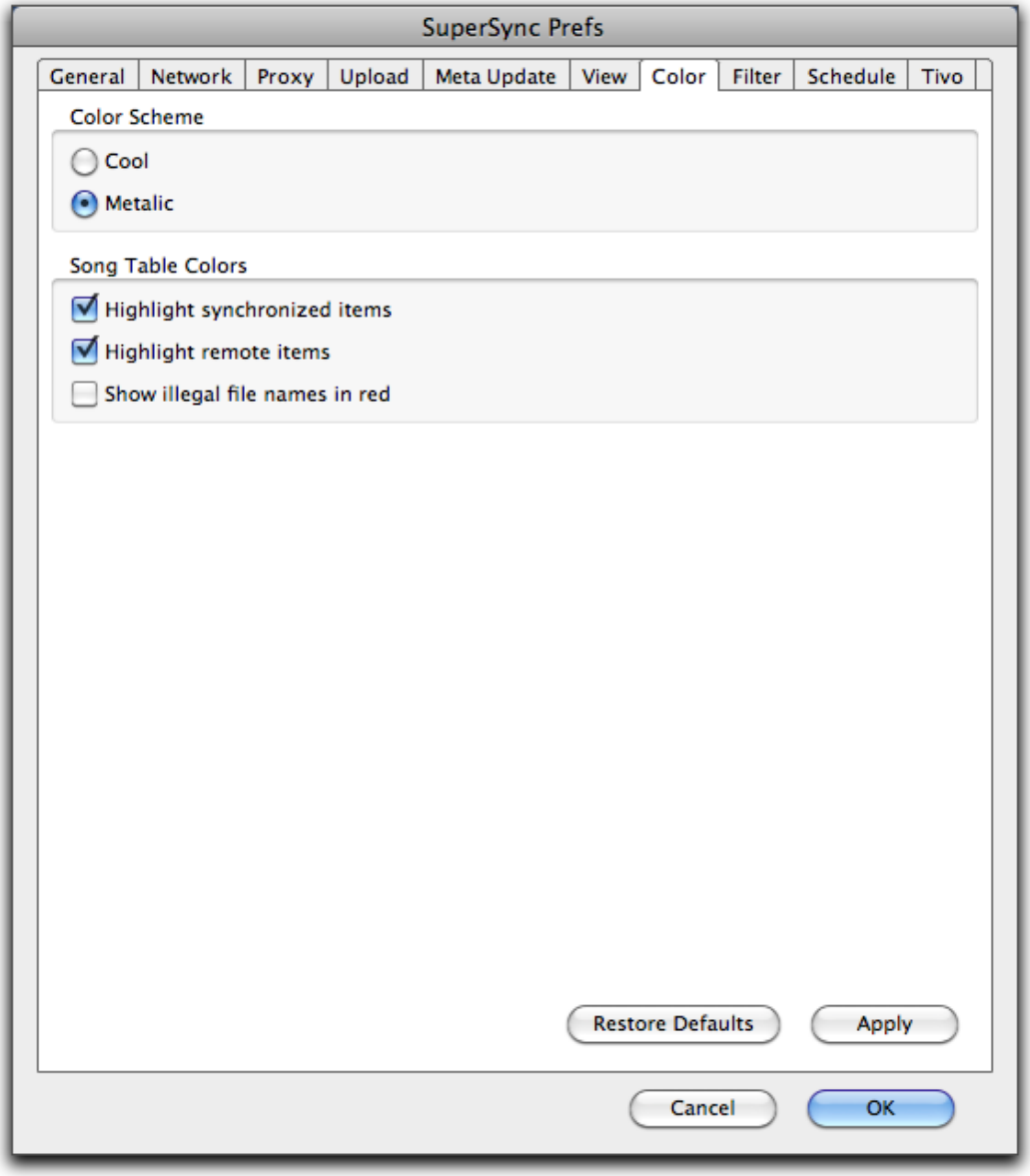
The **Font Settings** option lets you use a larger font in all of SuperSync's windows.

The **Restore Defaults** button reverts back to the default setting of each preference. The **Apply** button immediately saves any changes that may have been made in this tab.

The **Cancel** button cancels any changes made in this tab and closes this window. The **OK** button saves any changes made in this tab and closes this window.

[Return to the **Preferences** Section in this manual]

Color Settings



SuperSync has color themes that you can choose. The following choices are available.

Cool

Metallic

The **Song Table Colors** checkboxes enable or disable highlighting the entire line in the main viewer window when the song meets the specific criteria. If checked, synchronized tracks will alternate between two light shades of green. If a (non-synchronized) remote track, tracks will be highlighted in two alternating shades of blue.

The **Show illegal file names in red**, when selected will display those file names that may cause problems on the file system in red.

Windows' file system has restrictions on the types of characters that can be used in its file/directory names. These restrictions can cause problems when transferring files from a a Mac to a Windows computer since Macs don't have the same restrictions.

In most cases, SuperSync will take care of using and creating appropriate file/directory names but you may run into cases where file/directory names might be an issue.

These file names should be correctly handled by SuperSync. However, if your songs/tracks are not being properly copied between your libraries displaying and correcting these file names may correct the problem.

For example, you may have the artist "AC\DC" in your library. On Mac, that's a fine name for a directory. On Windows, it means a directory called DC inside the AC directory. Numerous other file name restrictions exist, including, two spaces in a row in a file name, names starting or ending with space or period. In windows, the maximum length for an entire file path, including hard drive volume, all directories, and file name is 256 characters. On a Mac, each directory can be 256 characters, which can make for some really long file names. To be safe, SuperSync always saves files in a format that will be easy to move to a Windows or Mac system. The side effect is that a Mac directory called "AC\DC" will always be copied to a directory named AC_DC. Other illegal file characters include:

: \ / | * ? > < "

The **Restore Defaults** button reverts back to the default setting of each preference. The **Apply** button immediately saves any changes that may have been made in this tab.

The **Cancel** button cancels any changes made in this tab and closes this window. The **OK** button saves any changes made in this tab and closes this window.

[Return to the **Preferences** Section in this manual]

Filter Settings

The **Filter Settings** tab lets you filter specific track types so they do not show in the SuperSync Track List:

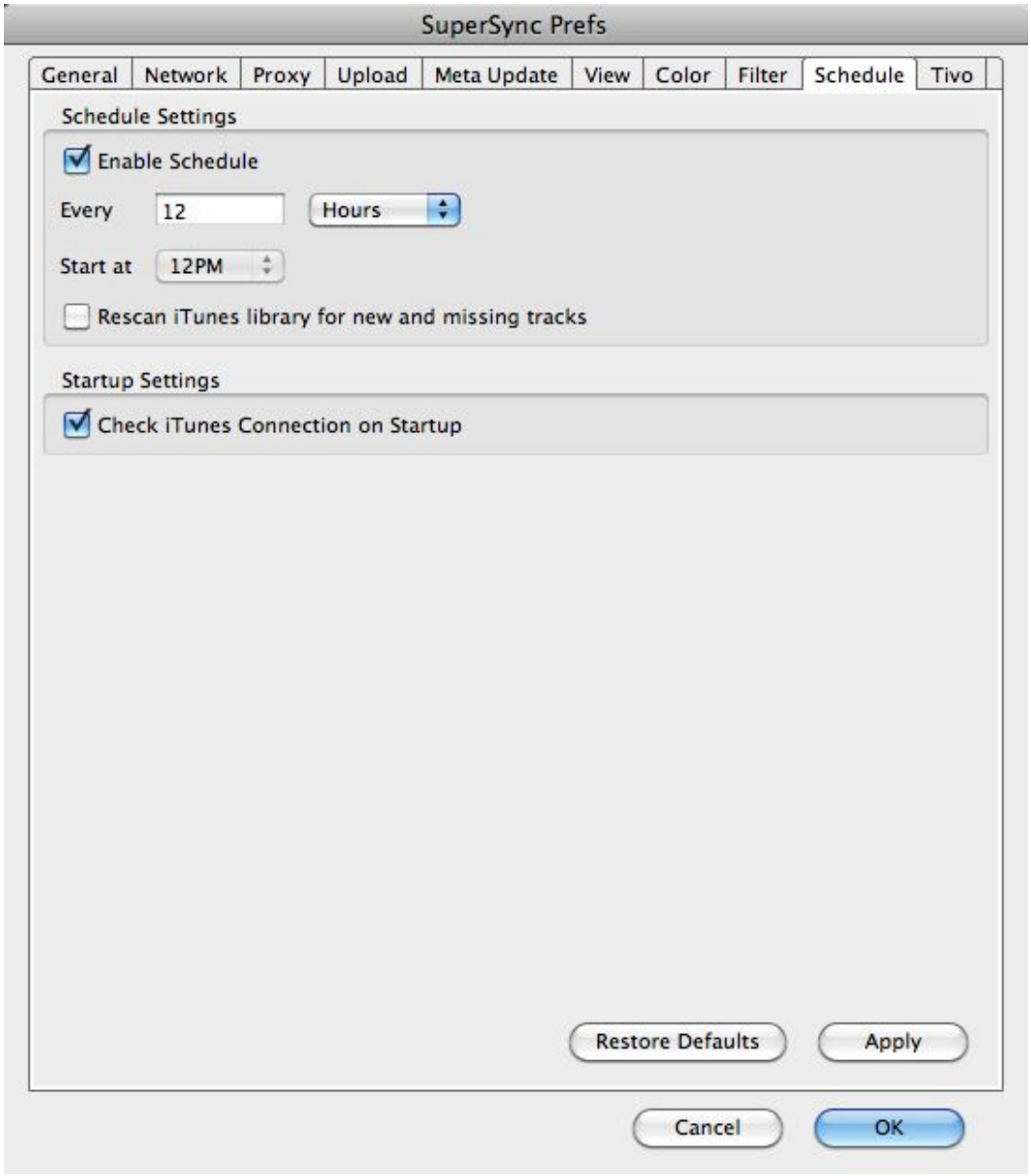
By default, SuperSync shows all available track types.

The **Restore Defaults** button reverts back to the default setting of each preference. The **Apply** button immediately saves any changes that may have been made in this tab.

The **Cancel** button cancels any changes made in this tab and closes this window. The **OK** button saves any changes made in this tab and closes this window.

[Return to the **Preferences** Section in this manual]

Schedule Settings



The **Schedule Settings** lets you rescan your local library periodically. This advanced feature should typically be left "off".

The **Startup Settings** tells SuperSync whether or not to check for iTunes when it launches.

The **Restore Defaults** button reverts back to the default setting of each preference. The **Apply** button immediately saves any changes that may have been made in this tab.

The **Cancel** button cancels any changes made in this tab and closes this window. The **OK** button saves any changes made in this tab and closes this window.

[Return to the **Preferences** Section in this manual]

Tivo Media Server

SuperSync includes a **Tivo Media Server** option.

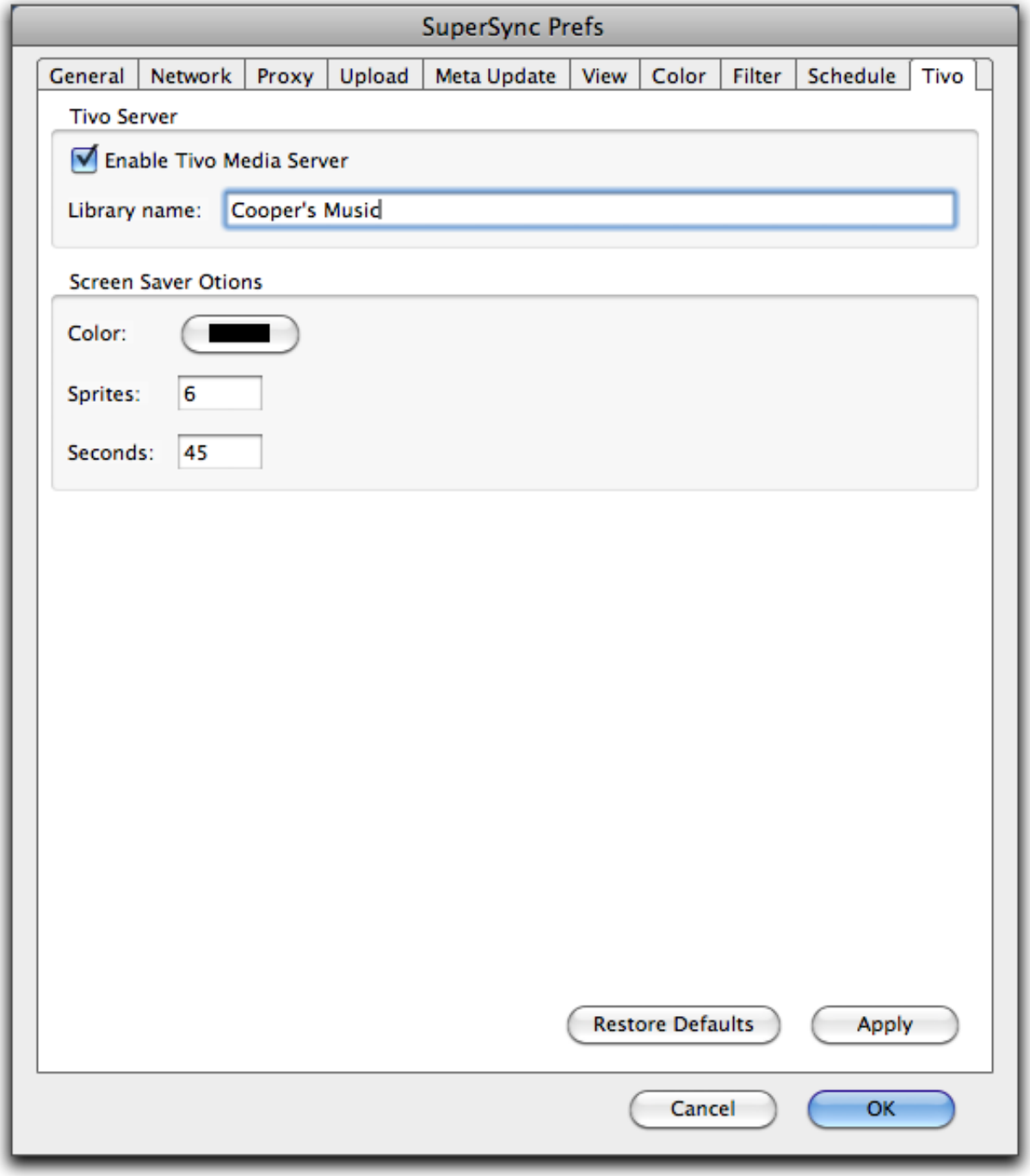
If you do not have a Tivo, you can ignore this feature and leave the server off.

The **Tivo Media Server** lets you access your MP3 files that are listed in your local SuperSync library and listen to them from a network-enabled Tivo.

Requirements

Series 2 or Series 3 Tivo; LAN network connection.

Configuration



To enable the server, check the "**Enable Tivo Media Server**."

> **Networking Tip**: The Tivo Server uses Bonjour (also known as Rendezvous) to publish the location of the server on port 7288. WAN access is not recommended or supported.

To access your music library from Tivo, go to the Main menu by clicking the Tivo button. Scroll down and select **Music, Photos, Products & More**. Scroll down the list and access the name of your server, which should have the SuperSync logo by it.

From there, you should be able to browse your playlists, artists, albums, and tracks.

Note: Only MP3 and MPG are supported by Tivo.

Screen Saver Options allow you to set how the screen saver looks and how soon it shows. Generally you should keep it enabled and set to turn on within 30 or so seconds to prevent screen burn in. You can change the background color of the screen saver using the color picker. You can set the number of sprites (bouncing SuperSync logos) to display from 0 to 15.

If you experience problems with the **Tivo Media Server**, try reducing the number of sprites that are used in the screen saver.

Accessing your MP3's from Tivo

1. Go to the Tivo Main menu by clicking the Tivo button
2. Select **Music, Photos, Products & More**.
3. Select SuperSync from the list (with the SuperSync icon)
4. From there, you should be able to browse your playlists, artists, albums, and tracks.

Note: Only MP3s music files are supported by Tivo. Support for other media types is not yet supported.

The Tivo Main Menu

Playlists: Shows a list of your current iTunes playlists

Artists: Shows your artists, as well as a find artists menu option.

Albums: Shows your albums, as well as a find albums menu option.

Genres: Shows a list of genres

Find Tracks: Search for tracks by name.

Now Playing: Return to the now playing screen, which shows information about the current track

Screen Saver: Shows the SuperSync screen saver, which also is used after 10 seconds of the Now Playing screen.

About... : Shows the credits for SuperSync media application

Tivo Remote Commands

Channel Up: Next Song

Channel Down: Restart Song

Slow: Slow playing of track

Forward: Fast-forward playing the song (muted)

Reverse: Reduce speed, or skip backwards in song

Left: Go back a menu (or exit the application from the Main menu)

Right: Selects the current menu item

Select: Selects the current menu item

Pause: Pauses playing

Play: Resumes playing a paused track

Troubleshooting

If you do not see the SuperSync server in the list of online servers, make sure that the Tivo server access is enabled. Turn on the extended Tivo logging from the File->Show Log Window menu. If you see an error message, feel free to pass it along to our support team.

> **Note**: The demo version of SuperSync displays a demo banner after playing every song. Please upgrade to the full version for unlimited access to your music.

The **Restore Defaults** button reverts back to the default setting of each preference. The **Apply** button immediately saves any changes that may have been made in this tab.

The **Cancel** button cancels any changes made in this tab and closes this window. The **OK** button saves any changes made in this tab and closes this window.

[Return to the **Preferences** Section in this manual]

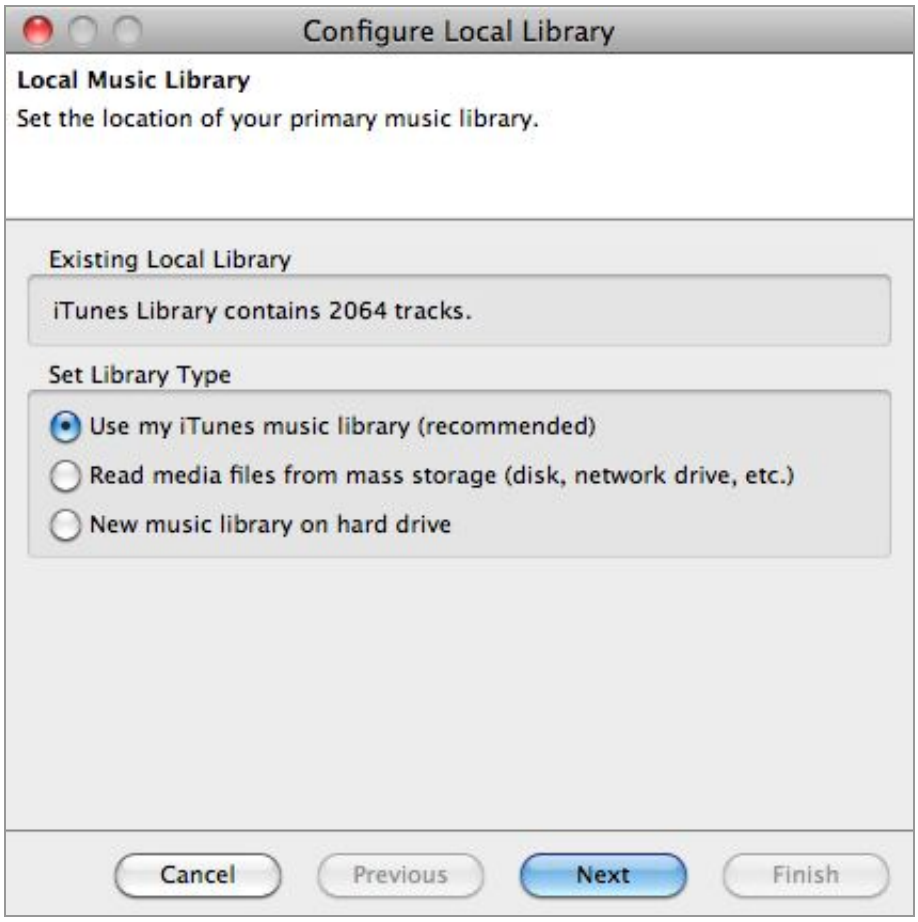
Configuring the Local Library

When you first launch SuperSync, SuperSync loads a 'Local Library'. This library is what will be used as a source and destination for tracks when Syncing. The Local Library is essential 'your library' and is typically located on your computer or on a hard drive connected to your computer.

By default, SuperSync uses your iTunes Library as its Local Library. However your Local Library can be set to use other types of libraries. If you plan on using iTunes as your library, you can skip to the Configuring The Remote Library section later in this manual. Otherwise, keep reading to learn about configuring your Local Library...

If SuperSync didn't find your iTunes library, or if you use another music player, you can follow the instructions below to import your music manually.

To configure your Local Library, go to SuperSync's **LOCAL** menu and select the **Configure Local Library** command. The **Configure Local Library** will open.



The **Use my iTunes Music Library (recommended)** option connects to iTunes and uses its library.

The **Read Media Files From Mass Storage** option uses folder/directory on any

hard drive (e.g. a folder on your desktop or one on a USB connected hard drive) for the Local Library. When using this option, iTunes syncing features such as meta data (play counts, ratings, etc) are not enabled. Selecting the Next button will take you to a screen where you can specify the folder you want to use.

The **New Music Library On Hard Drive** uses an empty folder for your Local Library. The purpose of this option is to use a completely blank library that will receive tracks from a remote library for backup/mirroring purposes. When using this option, iTunes syncing features such as meta data (play counts, ratings, etc) are not enabled. Selecting the Next button will take you to a screen where you can specify the folder you want to use.

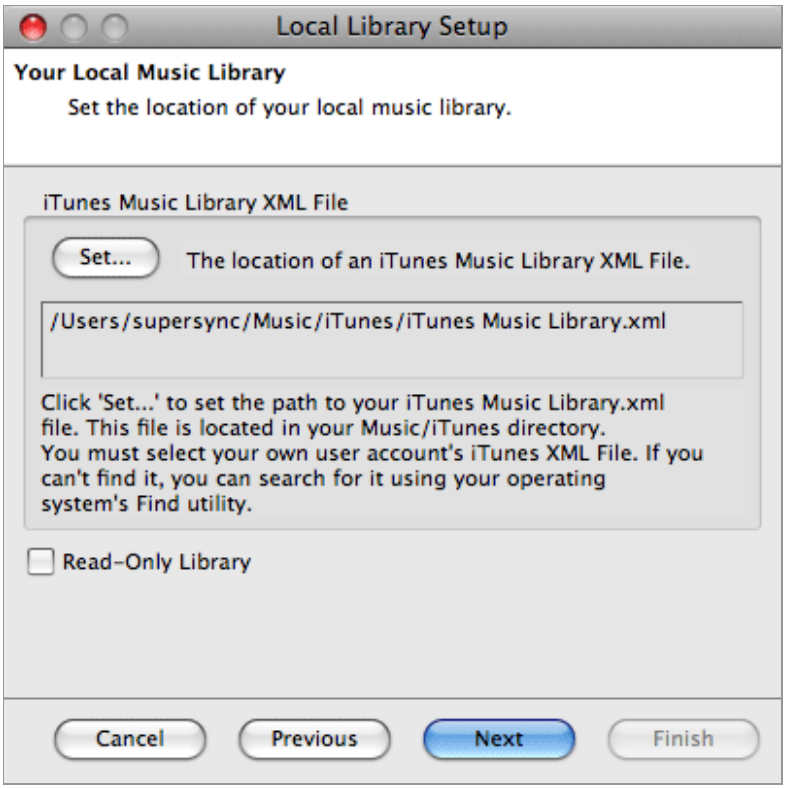
> **Important Note**: For maximum integration with iTunes, set your local library to import and synchronize with iTunes.

[Return to the **SuperSync Table of Contents** Section in this manual]

Import iTunes Library

Selecting the **Use my iTunes Music Library (recommended)** and clicking **Next** opens another window that allows you to set the location of your iTunes music library XML file, your primary music library.

Use this method if you are an iTunes user. SuperSync should find the location of your iTunes library (and the XML file it generates) but if it doesn't, you can set the location manually.


Local Library Setup
Your Local Music Library
Set the location of your local music library.
iTunes Music Library XML File
Set...
The location of an iTunes Music Library XML File.
/Users/supersync/Music/iTunes/iTunes Music Library.xml
Click 'Set...' to set the path to your iTunes Music Library.xml file. This file is located in your Music/iTunes directory. You must select your own user account's iTunes XML File. If you can't find it, you can search for it using your operating system's Find utility.
Read-Only Library
Cancel
Previous
Next
Finish

The iTunes XML file is the data file that updates your iTunes library listing and is automatically created and kept up to date by iTunes.

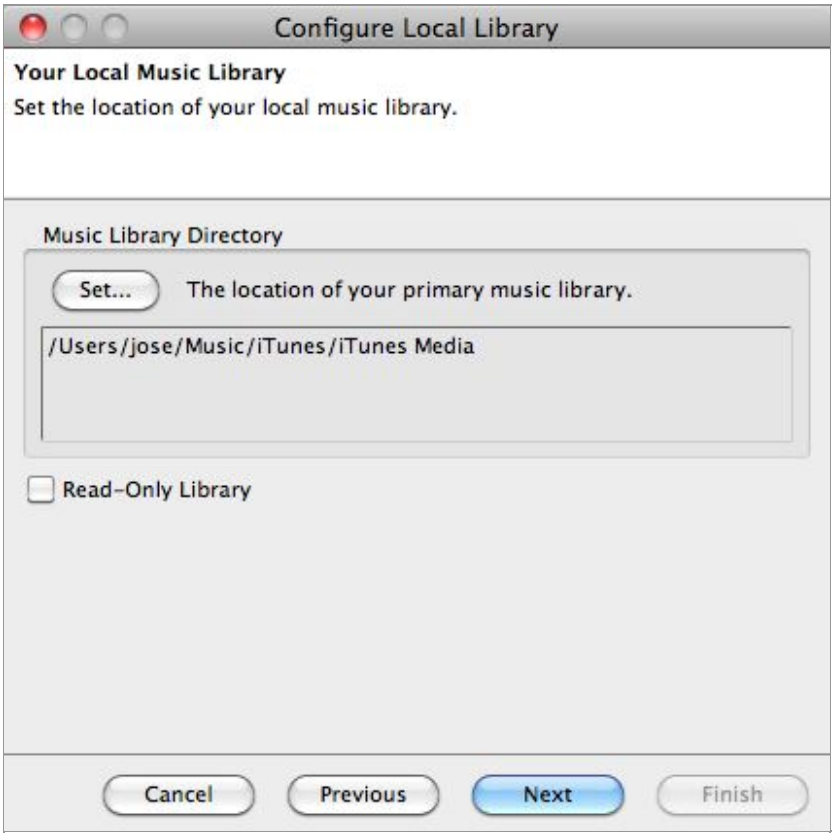
If SuperSync can't find your iTunes library, click **Set** under *iTunes Music Library XML File* to select this directory. It is usually located in your computer's Music folder or Documents folder.

> **Note**: You can set this library to be a 'Read-Only Library'. This means that SuperSync can 'Put' tracks from this library into your Remote Library but it cannot copy tracks (aka Get) tracks into this library.

[Return to the Configuring the Local Library Section in this manual]

Import From Hard Drive

Selecting the ***Read Media Files From Mass Storage*** option and clicking **Next** opens another window that allows you to set the location of your primary music library directory.



The primary music library directory is the directory where the bulk of the music on your local machine exists. Click **Set** under *Music Library Directory* to select this directory.

The home directory should be the root level for all music. If you ask SuperSync to look for music, it will look in this directory.

After clicking **Next**, a new window appears to give confirmation of any directory changes or to notify you that no directory changes were made. If you wish to select a different directory, click **Previous** to return to the directory selection window. Clicking **Finish** (only available from the confirmation window) saves any changes and closes the *Local Music Library* setup.

> **Note**: You can set this library to be a 'Read-Only Library'. This means that SuperSync can 'Put' tracks from this library into your Remote Library but it cannot copy tracks (aka Get) tracks into this library.

[Return to the Configuring the Local Library Section in this manual]

Dedicated drive or (NAS) Setup

Using a shared network drive for iTunes is a good way to have multiple computers share a common music library. However, some care should be used to get the best experience out of iTunes and SuperSync.

Two types of users can share music from the shared drive. At least one master library user is needed for full NAS access by both user types.

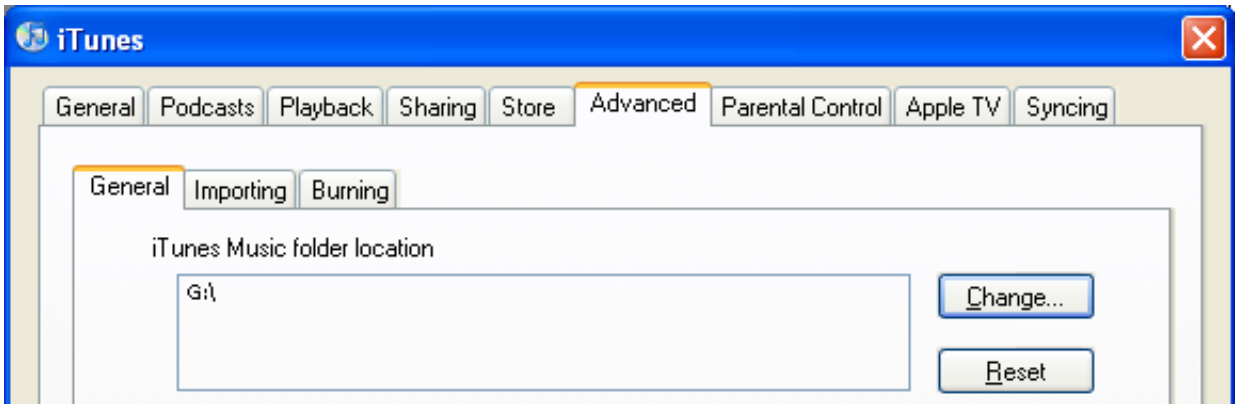
Master Library Users have their main iTunes library pointing to a shared network drive.

Subset Library Users have a subset of the Master library on their computer and access the master library – adding music or getting music from the library. This type of user is good for laptop users.

Master Library User Setup

To begin, you'll need to have a network drive that is accessible by all machines that you want to have complete access to the master library. We recommend using a NAS that has AFP and/or SMB support. The drive should automatically connect on reboot (See final notes below if it doesn't).

In iTunes, set the library location to point to the directory on the NAS where you have your media library. To do this, go to iTunes, Edit Preferences, click on the Advanced tab, then change the "iTunes Music Folder" location. In the screen image below, we have the NAS mapped to the "G:\" drive, however on a Mac it can be a network URL or other mapped network location.



If you have your library pointing to your default music directory, you may need to move the content to the new location. Warning: once you change the location of your library, moving the tracks to the new drive location may cause you to lose your playlists, ratings, play counts, and other iTunes specific meta data.

Once this is complete, run SuperSync and go to File: Local Library Info. Verify that Kind is set to iTunes and Music Directory is set to the location of your network drive and directory.

Next, you may want to do a File: "Local Library Rescan". Verify the results and make any recommended changes you wish.

You can repeat this process on multiple computers around the office or house.

At this point, the only problem is that when new music that is added to the NAS (or removed) those changes may not show up in all the other user's iTunes. Any time music is added or removed to/from the NAS a Rescan Local Library will be needed on each computer that is running as a master user and has an out of date iTunes. The rescan feature can be run manually as needed or can be scheduled to run periodically.

One important note: If you have multiple machines connected to the same network drive as described above, you should not use SuperSync to do a network connection between the two SuperSync's. This is because both machines are pointing to the same drive location. This can cause serious duplication errors. Instead, local rescans should be used to find new music added to the network drive. You can still use SuperSync to connect to a remote library that points to a completely different networked SuperSync library, or connect to another disk drive or iPod.

Subset Library Users

Having a subset of the music from the master is ideal for users who don't want to have all the music from the NAS on their computer. If you've got a laptop, you almost certainly want to set your library up as a subset of the master.

Running iTunes as a subset of the master library requires no additional setup on iTunes. iTunes should have your library location in the default location or somewhere on a local hard drive.

Next step is to load SuperSync and make sure that your local library type is set to iTunes and your library location is correct from the File: Local Library Info... dialog.

To connect to the NAS drive, there are two ways. Connect to Remote Networked SuperSync library, or set the remote library up as a disk-based Remote library.

The recommended way is to connect to another remote networked SuperSync on the LAN that is set up as a master user. (See above!) This allows you to quickly connect to the master library and access iTunes specific information, including playlists, ratings, and video information. To connect to a master library, go to the **Remote->Connect to a LAN Server** menu. If you need to, you can also connect to the server by entering the IP address of the server into the Connect to Server... dialog. The remote machine you are connecting to must be running the SuperSync server and firewalls may need to be modified to allow SuperSync traffic.

The second method of accessing the music on the NAS is to set the remote library as a disk share under the **Remote->Configure Remote Library...** dialog.. Point SuperSync to the location of your NAS media directory. Clicking Finish will import the tracks from the NAS into SuperSync. From there, tracks can be added to your library or uploaded to the NAS using the standard synchronization techniques.

Final Thoughts

One question we get a lot: Can I have set up a computer with both types of libraries - so that I have a full time connection to my music when I'm at home, but also have a subset of music for when I take my laptop out of the house? The answer is.. not really! You could use iTunes support for multiple libraries... but you're on your own on that one. We'd like to hear from you if you have any other stories or recommendations.

One tip we can share is that sometimes when you reboot a computer, the network share is offline. When you start iTunes with it pointing to the offline directory, iTunes won't be able to find your music. To prevent this, you can create an alias (or Windows shortcut) of your iTunes application, save it somewhere on the network drive, then use that to start your application. If your hard drive is offline, your Mac or PC should prompt you to connect the drive!

[Return to the **SuperSync Table of Contents** Section in this manual]

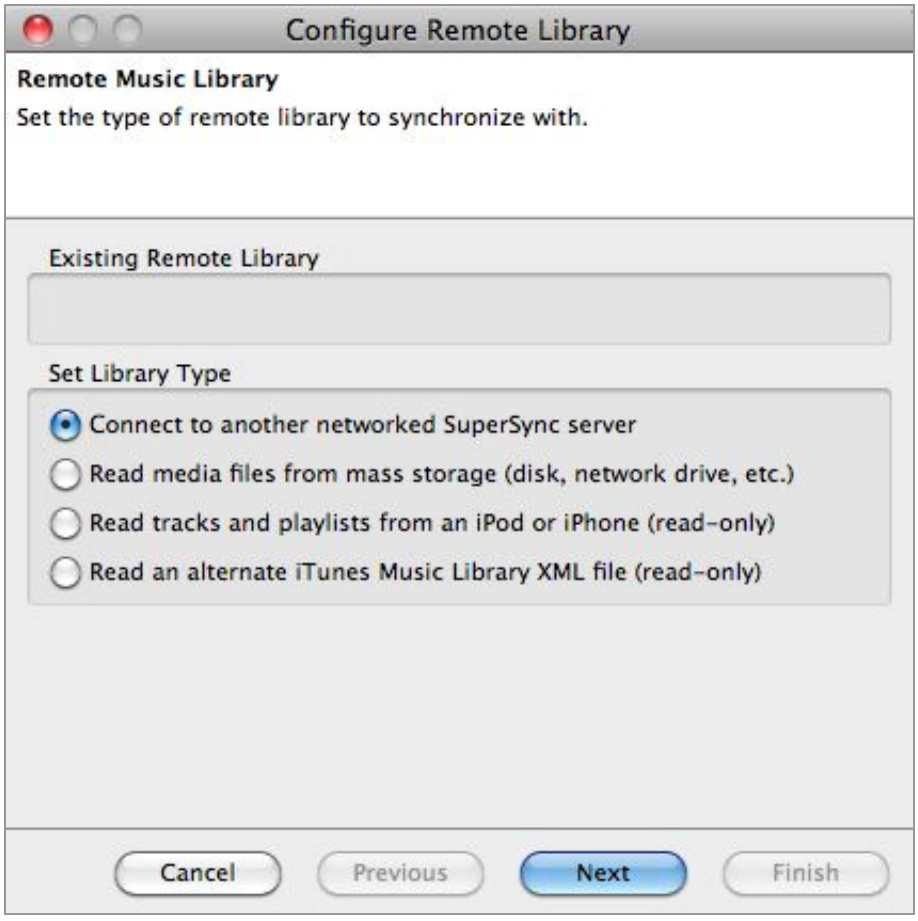
[Return to the **Troubleshooting** Section in this manual]

Configuring the Remote Library

SuperSync lets you see two music libraries at once - the Local Library and Remote Library. SuperSync connects to a 'Remote Library' and displays its contents side-by-side with the Local Library so that you can choose which tracks need to sync'ed, deleted, modified, etc.

In most cases, you'll be using the library from another SuperSync computer as your Remote Library. You can configure the Remote Library to different types of libraries such as a folder/directory on a network server, an iTunes Library on your computer but under a different user account, the library on an iPod/iPhone/iPad, or the library on a another computer running SuperSync.

Once you know what type of library you want to connect to, you can use the **Configure Remote Library** command (in SuperSync's REMOTE Menu) to set up the connection to that library. This will open the **Configure Remote Library** window.


Configure Remote Library
Remote Music Library
Set the type of remote library to synchronize with.
Existing Remote Library
Set Library Type
Connect to another networked SuperSync server
Read media files from mass storage (disk, network drive, etc.)
Read tracks and playlists from an iPod or iPhone (read-only)
Read an alternate iTunes Music Library XML file (read-only)
Cancel
Previous
Next
Finish

Select **Connect to another networked SuperSync server** to connect to another computer running SuperSync.

Select **Read media files from mass storage (disk, network drive, etc)** to connect a folder/directory that contains your music library.

Select **Read tracks and playlists from an iPod or iPhone (read-only)** to connect to an iPod/iPhone/iPad.

Select **Read an alternate iTunes Music Library XML File (read-only)** to connect to an another iTunes based library via the iTunes XML file. The iTunes XML contains pointers to the actual location of the iTunes as well as meta data about the library such as star rating, play counts, etc.

Once you select and configure any of the library types listed above, you will be connected to that library and both your Local and Remote Libraries will appear side-by-side in the SuperSync Window. Once your Remote library is open, you can proceed to the **Syncing Your Libraries** section in this manual.

Additional Information About Remote Libraries

Quickly Connect To Common Remote Library Types

Once you know what type of Remote Library you want to connect to, you can skip the Remote Library Configuration screens and use the **Connect to...** and **Read...** commands under the **REMOTE** menu to quickly connect to that type of library.

> **Note**: Before you can connect to another computer running SuperSync, you'll need to enable the server on another SuperSync that is configured with the library you'd like to sync to. To enable the SuperSync server, go to the section on Network Settings under the preferences.

Updating The Remote Library

In some cases, changes may be made to the Remote Library while you are viewing it. For example, say you are viewing a Remote Library on another computer and someone on the other computer imports a CD. To view these changes you can either close the connection to the Remote Library (by using the **Close Remote Library** command under the **Remote** menu) or you can simply go to SuperSync's **Remote** menu and select the **Rescan Remote Library** command. Any changes made to the library since the last rescan are reflected in the library display. This option is not available if a remote library is not connected or available.

[Return to the **SuperSync Table of Contents** Section in this manual]

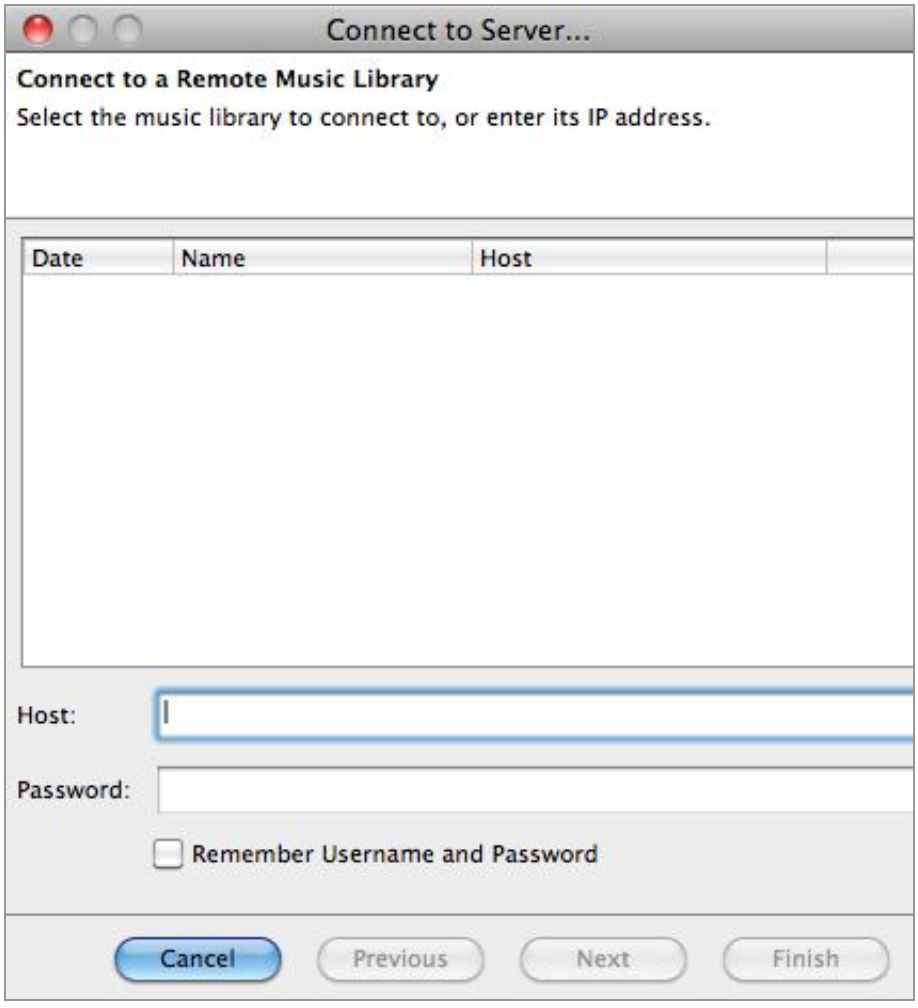
Connect to another networked SuperSync server

SuperSync can connect to another computer running SuperSync if that computer has the SuperSync Server enabled.

To connect to a SuperSync Server over your (LAN) network, you can either:

- select the **Connect To Server** command from the SuperSync **Remote** menu.
- use the **Configure Remote Library** command (in SuperSync's REMOTE Menu) and then select the *Connect to another networked SuperSync server* option.

This will open the *Connect to Server* window that configures the connection to a SuperSync Server.



To connect to a networked SuperSync server, you need the host name/IP address/domain name, port number, and password (if the Server has a password set). Enter the host name/IP address/domain name in the **Host** field and, if needed, the server's password in the **Password** field. Click **Next** to proceed.

> **Tech Note:** If the server is not running on port 5360, the SuperSync

default, enter the IP address, a colon, then the port number, such as: 192.168.0.100:5000. In most cases, you will not need to change the SuperSync Server's port but some network administrators and users may want change this for various reasons.

Enable/Check the *Remember Username and Password* checkbox to connect to this SuperSync Server without having to continuously enter your password information.

> **Tip**: Your password data will be saved in a text file in SuperSync's Settings Directory. While the passwords are encoded for protection they can be decoded with some effort. For this reason, we do not recommend you use commonly used passwords for your SuperSync Server passwords.

When you have entered the SuperSync Server's info, click the **Next** button and follow the on-screen instructions to connect to this Remote Library. Note, this window shows all the SuperSync Servers you have connected to so that you can quickly select and connect to a server.

> **Tip**: You can connect to a SuperSync Server running on your local network (aka LAN) in one step by selecting that computer in the **Connect to LAN server** submenu in SuperSync's **Remote** menu.

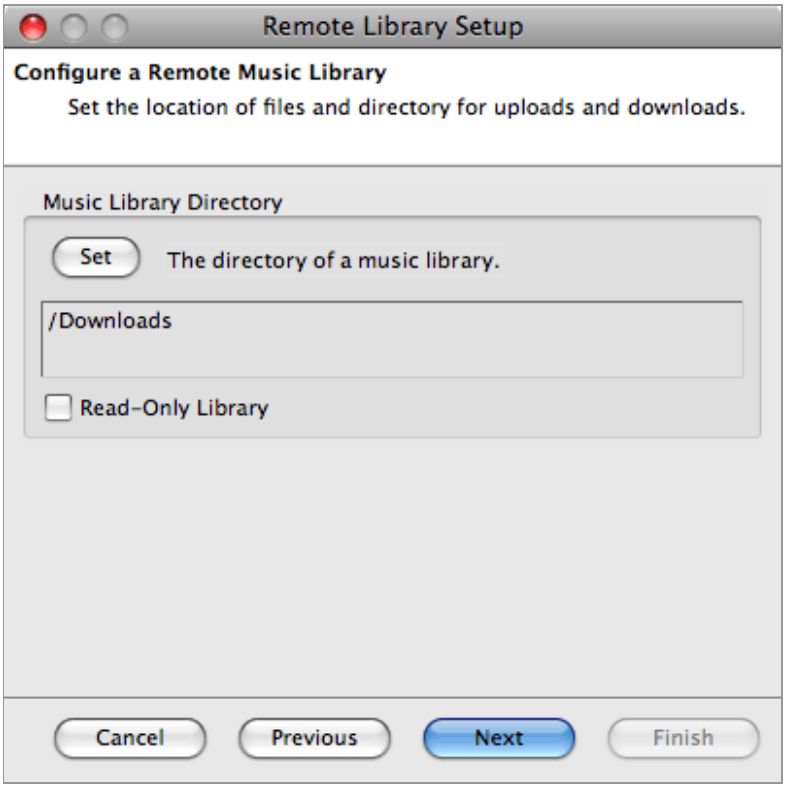
> **Tip**: Use the "**Check my IP address...**" command under the **Tools** menu to get your computer's IP address. You can then use this address to connect from another SuperSync computer.

Once you have connected this library, its contents will appear side-by-side with your Local Library in the SuperSync Window. You can now proceed to the **Syncing Your Libraries** section in this manual.

[Return to the **Configuring the Remote Library** Section in this manual]

Remote Library on a Mass Storage Device

Selecting the *Read media files from mass storage (disk, network drive, etc) radio* option in the Configure Remote Library window opens a window where you can set the location of the Remote Library.



Click **Set** under *Music Library Directory* to select this select the folder/directory where your music library is located. To use an create a new music library from scratch, just select an empty folder/directory.

Click **Next** to continue the remote library configuration process. After clicking **Next**, a new window appears to give confirmation of any directory changes or to notify you that no directory changes were made. If you wish to select a different directory, click **Previous** to return to the directory selection window. Clicking **Finish** (only available from the confirmation window) saves any changes and closes the *Remote Library* setup and connect to this library.

> **Note**: You can set this library to be a 'Read-Only Library'. This means that SuperSync can 'Put' tracks from this library into your Remote Library but it cannot copy tracks (aka Get) tracks into this library.

Once you have connected this library, its contents will appear side-by-side with your Local Library in the SuperSync Window. You can now proceed to the **Syncing Your Libraries** section in this manual.

[Return to the **Configuring the Remote Library** Section in this manual]

Import Tracks from an Apple Mobile Device (iPod, iPhone, iPad)

SuperSync can transfer tracks from an iPod/iPhone/iPad to your Local Library even if the iDevice is not associated with the your computer. This is helpful if you're at work and want to move a track from home to your office and the iPod is associated with the iTunes at home. As one of the terms of using SuperSync, you may only use this feature to access music that you are legally allowed to copy.

Instructions

To access your iDevice (iPod, iPhone, or iPad), connect your iDevice to your computer.

Next, in SuperSync, you can either:

- select the **Connect To Server** command from the SuperSync **Remote** menu and then select the **Read tracks and playlists from an iPod or iPhone (read-only)** option. Follow the on-screen instructions to finish the connection.

- use the **Connect to iPod/iPhone/iPad** (H) command (in SuperSync's REMOTE Menu). This will immediately connect to the iDevice's library.

Once the iDevice is connected via SuperSync, its contents will appear side-by-side with your Local Library in the SuperSync Window. You can now proceed to the **Syncing Your Libraries** section in this manual.

> **Note**: iPod/iPhone/iPad libraries are read-only. This means that you can transfer track from the iDevice to your computer but SuperSync cannot put tracks on the iDevice (only iTunes can do that).
>
> **Additional Info:** Only video and audio files and playlists are available. Applications and other data are not accessible.

Troubleshooting

If you experience problems connecting an iDevice via SuperSync, please visit the supersync.com web site support pages. We have a troubleshooting guide that contains current information about connecting to an iPod and iPhone.

> **Note for older iPod users:** SuperSync will need to mount your iPod's file system like a standard drive. If you formatted your iPod using a Macintosh, you may not be able to access it from a Windows machine and vice versa. If you need to access your iPod, you might try running SuperSync on a different platform.
>
> **Note for iPhone/iPod Touch/iPad** users: SuperSync for Windows requires the .NET framework to access your iDevice.

[Return to the **Configuring the Remote Library** Section in this manual]

Rescanning your Library

Any time a track gets moved, added, or deleted, there is a chance that your libraries (as maintained by iTunes) may be out of sync with what is actually in the library. For example, if you move a folder full of songs into a library outside of iTunes or if you manually delete some tracks from your music library folder outside of iTunes, iTunes will not know about these changes and neither will SuperSync. This causes 'orphan tracks'. If you try to play or view a track that is not there/orphaned, the track will be marked as "Not there" and it won't be played.

SuperSync's **Rescan Local Library** looks for these changes and updates your Local Library (and iTunes if your Local Library is set to iTunes) with the changes.

To use this feature, go to SuperSync's **LOCAL** menu and select the **Rescan Local Library** command. This will open the Rescan Options window.

Rescan Options
About the SuperSync Rescan
A rescan will search your library and repair inconsistances.
- Files that are in a library but not on disk will be removed.
- Files that are on disk but not in the library will be added.
- Your media files will not be moved or deleted.
- iTunes updating is only available if you have imported your music library via iTunes.
- If you have music on external disks, make sure the drives are online and working.
SuperSync Library Rescan
Add new tracks to library
Delete links to missing tracks
View and confirm changes
Cancel
Start Rescan

Set the 'Add New Tracks To Library', 'Delete Links To Missing Tracks', and 'View and Confirm Changes' checkboxes and then click the the **Start Rescan** button.

Rescanning a Local Library will take some time depending in the size of your library.

> **Note**: We recommend that you enable/check the 'View and Confirm Changes' check box the first time you use this feature.

[Return to the SuperSync Table of Contents Section in this manual]

Syncing Your Libraries

Synchronizing Tracks

Synchronization is the primary function of SuperSync. It allows you to grab and play music files from different libraries, either locally (on your machine's hard drive) or remotely.

Files that reside on Remote Libraries are available for synchronization with your Local Library. Tracks can be selected for synchronization by selecting the file and then clicking either the Get, Put, or Sync button in the SuperSync window. You can also access these commands by right-clicking a track and selecting the Get, Put, or Sync actions. Multiple files can be selected in a range by holding down **Shift** while clicking or by individually added to the selected group by holding down **Command (CTRL on Windows)** when clicking.

During the synchronization process, SuperSync copies the selected track(s) into the designated your library (Remote or Local depending on which direction the track is being copied). The status of this transfer is displayed in the **Transfer Status Window** that opens when you begin a Sync action. This window can also be displayed by pressing +**T** or selecting **Transfer Status** from SuperSync's **FILE** menu.

Synchronizing Playlists

Syncing playlists between two iTunes libraries is basically a two step process in SuperSync. You must first sync your music so it exists on both of your computers. Next, you'll use the 'Synchronize Playlist' command to sync the playlists and finish this process.

Step 1:
Use SuperSync to connect to another SuperSync computer.

Step 2:
Once connected, you'll see locate your playlist in SuperSync's Sources List (left-most column in SuperSync).

> **Note**: Unsync'ed playlists will appear with either a Gray icon (these are on your computer) or a Blue icon (those on the other computer). The goal is to see a Green icon (a playlist that is sync'ed on both computers).

Step 3:
Select the playlist you want to Sync. This will either be a blue icon or a gray icon. Next select the **SYNC** command from SuperSync's **ACTION** menu. This will sync the tracks in that playlist to both computers. Proceed to **Step 4**.

Step 4:
Select the playlist again and then select the **SYNC PLAYLIST** command from SuperSync's **ACTION** menu to create the sync'ed playlist.

Step 5:
At this point, the playlists are synchronized on both of your computers and your playlist icon will appear as green in SuperSync. If you switch over to iTunes, you'll notice that the playlist is there as well.

[Read the **Syncing Meta Data** Section in this manual]

[Return to the **SuperSync Table of Contents** Section in this manual]

Synchronization Tips

Synchronizing multiple music libraries can be tricky if your music is not well tagged or has come from many different places. Files may be missing identifying tags, some tags may be out of synch, or named slightly differently, or the same album may be encoded different ways. Managing a large library may take several iterations of pruning, copying, checking, and re-importing.

As a general rule, synchronize a few tracks initially and make sure they transfer to the right location. Click "Show All" to force an update... and check that they show up in iTunes, if you're using iTunes.

[Read the **Synchronization Tips** Section in this manual]

[Return to the **SuperSync Table of Contents** Section in this manual]

Syncing Meta Data

SuperSync has a powerful utility to help track down modified tracks that differ in two libraries. The Meta Data Updater allows you to find tracks that contain the same music data but the meta tags are different.

Meta tags are fields inside a music or video track that describe the data on the track. For instance, album name, artist, genre, track number, disc number, year, composer, etc are all MP3 tags. Ratings and Played Counts is meta data that is only stored by iTunes, but can still be tracked and sync'ed by SuperSync.

Example

You have one track in two libraries. But in one library, you modify some of the tags -- for instance you correct the spelling of the artist. The next time you connect to both using SuperSync, those two tracks should show as sync 'd with the meta data mismatch flag set.

To sync the meta data on both libraries, you would select the track that has the meta mismatch flag icon set, and right click on the track (or use the Action menu) to select "Update Meta Data". A dialog will let you verify the direction of the tag updates (updating the local or remote library version). Click yes to confirm and the file should be updated in SuperSync and in iTunes in both libraries.

To see the differences between the tracks, select the track and use the "Compare Tracks" under the Action menu. The Compare Tracks feature can be used to compare any two selected tracks, or if only one track is selected, it will let you compare the closest match. Use Get Info to access all similar tracks associated with a track.

Configuration

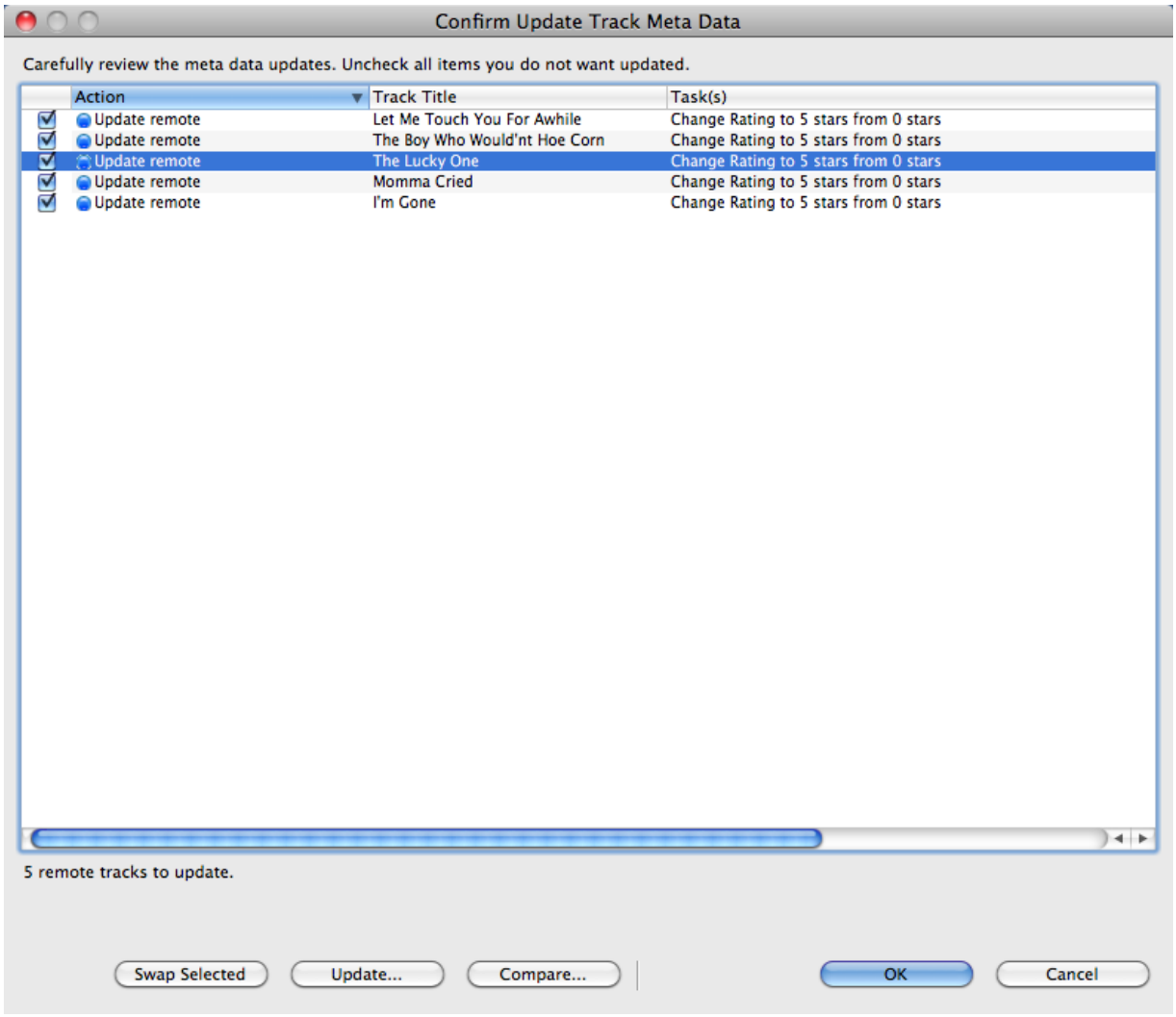
To use Meta Data Updating, you need to sync between two networked SuperSync applications. Both SuperSync applications must have their Local Library be configured as an iTunes library. An upload password is required, and the "server" must be configured to allow remote changes.

Configure the meta data update feature in SuperSync by going to the Meta Data Settings in the preferences. You can also allow or deny letting remote users modify your meta data in the Upload tab. in the Preferences window.

Usage

Files that have mismatched meta data will have the icon. Select the track and right-click update meta data or select that from the Action menu.

A dialog will prompt you about what changes you can make:

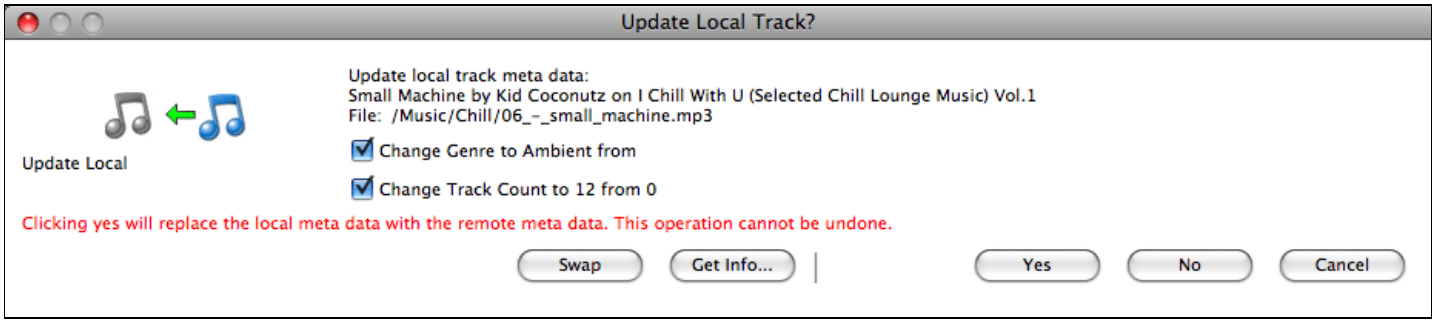

Confirm Update Track Meta Data
Carefully review the meta data updates. Uncheck all items you do not want updated.
Action
Track Title
Task(s)
Update remote
Let Me Touch You For Awhile
Change Rating to 5 stars from 0 stars
Update remote
The Boy Who Would'nt Hoe Corn
Change Rating to 5 stars from 0 stars
Update remote
The Lucky One
Change Rating to 5 stars from 0 stars
Update remote
Momma Cried
Change Rating to 5 stars from 0 stars
Update remote
I'm Gone
Change Rating to 5 stars from 0 stars
5 remote tracks to update.
Swap Selected
Update...
Compare...
OK
Cancel

Carefully go through the list of suggested changes.

Swap lets you change the direction of changes. SuperSync takes a guess as to what changes you want to make but sometimes you'll may want to to manually change which track you're updating.

Once you are satisfied with the checked items, click the OK button to start the process of updating the tracks. Tracks will either be updated on your local iTunes library, or on the networked remote SuperSync/iTunes library.

If you want to get more details about a particular track, select the track and click the Update... button. A dialog will display the changes and individual meta tag updates can be enabled or disabled.


Update Local Track?
Update Local
Update local track meta data:
Small Machine by Kid Coconutz on I Chill With U (Selected Chill Lounge Music) Vol.1
File: /Music/Chill/06_-_small_machine.mp3
Change Genre to Ambient from
Change Track Count to 12 from 0
Clicking yes will replace the local meta data with the remote meta data. This operation cannot be undone.
Swap
Get Info...
Yes
No
Cancel

Swap lets you change the direction of changes. SuperSync takes a guess as to what changes you want to make but sometimes you'll want to manually change which track you're updating. In the rare case where you want to update some items in one direction and other meta data items in the other direction, you can do this by

updating the meta data twice - selecting the items to move by checkbox.

Get Info... to learn more about the two tracks you are working with. One track will be a local iTunes track. The other will be a remote networked SuperSync library.

Yes - Initiates the copy of meta data transfer. This will show a progress dialog until it is complete or returns an error message.

No - Skips this item and does not update anything.

Cancel - Exits all meta updates if others were selected for updating.

Be sure to read the warning dialog and confirm your updates carefully. These changes cannot be undone. If you accidentally set the meta data to an incorrect value, you'll need to manually go into iTunes and update the tags from iTunes get Track Info dialog.

Use care when allowing remote updates to your library. Be sure you trust the users who have upload privileges.

If you are making changes to your one library but do not want to accidentally modify the other library, you can set your library to read-only access in the Meta Data Settings.

SuperSync does not do the actual updating of meta data -- we pass the request to iTunes. If iTunes cannot do it, an error will be returned. Some tracks are not modifiable, so some error messages may be "normal".

[Return to the **SuperSync Table of Contents** Section in this manual]

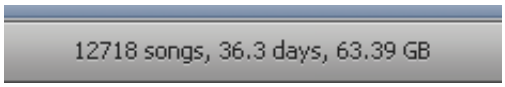
I

Automatic iTunes Updates

When your Local or Remote Libraries are connected to iTunes Libraries, SuperSync sends commands to iTunes so that sync'ed tracks are added to the iTunes database. This allows you to see the newly added track in iTunes. This feature is called iTunes Updates.

After a sync action (e.g. Get, Put, or Sync), SuperSync will issue commands to iTunes. These updates are shown in the Transfer Status window, under iTunes Updates. You can also check the status of iTunes Updates in SuperSync's Status Pane by selecting **iTunes Status (⌘ +7)** from the Status menu.

You can also just look at the number of tracks displayed at the bottom of your iTunes application window. The total song count should increase with each update.



> **IMPORTANT**: Do not quit SuperSync while it is updating your iTunes library or you will need to rescan your library when you restart SuperSync. You may want to wait until iTunes is no longer updating before starting another update, however this is not required. When updating a large local library, adding each individual track to iTunes will take progressively longer.

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Performance Tips

Although SuperSync is able to handle massive updates, we recommend that you transfer large libraries in smaller increments. The best way to select a subset is to select a reasonable number of songs/tracks within the Remote Library and then use the a SYNC action. SuperSync will warn you (once) you when you are about to sync more than a hundred tracks. You can easily select a group of songs using the Genre, Artists, and Album browser in SuperSync's Track List.

If you are deleting an entire hard drive of music, its best to manually do this. To do this, close SuperSync, delete the tracks using iTunes, or alternatively, delete them on the hard drive and then delete them in iTunes (to clear the meta data). Using SuperSync's Put in Trash and Empty Trash commands will take a long time to for iTunes to receive SuperSync's iTunes Updates commands.

Run the **Rescan Local Library** command after library synchronization has been completed. Exit and restart SuperSync and do another rescan of the library if you want to be sure things are where they should be. Again, if you use iTunes, the iTunes track count and SuperSync's Track Kinds track count should match.

> Note: if iTunes supports a file format that SuperSync does not support, counts will be off by the number of unsupported tracks. For example, iTunes U counts the total number of video, audio, and documents (e.g. PDFs, PowerPoint files, etc). Since SuperSync doesn't have access to iTunes U documents, the iTunes U counts will be off by the number of documents.

Pause server updates or disable the SuperSync server when not needed. The same goes for the iTunes music server.

While transferring large libraries, it is usually best to turn off the SuperSync server updates on the end where the iTunes library is being updated. For example, if you are sending songs from a Macintosh computer to a PC to update the PC's iTunes, turn off the server updates on the PC. To pause server updates, select **File>Pause Server Updates**.

Playing music while receiving new music on large libraries should be avoided if you hear skips in the music. While it won't hurt anything, it sounds like your computer may be working hard enough, without the added CPU load of decoding and playing music.

Ultimately, the speed at which libraries can synchronized are constrained by several factors:

1. The speed of the computers involved. This includes:
1a. The amount and speed of the system RAM.
1b. The processor type and speed.
1c. The speed of the disk drives, the type (NTFS or FAT for example) and fragmentation of the file system, and the amount of free space (though not the size

of the disk)
2. The speed and capacity of the network connecting the two computers.
3. The size of the libraries.
4. The number and sizes of the tracks to be synchronized.
5. The number of tracks in the existing library (which determines the size of the iTunes meta-data file).

Adding additional tracks to a library with 1,000 tracks already loaded will be significantly faster than adding tracks to a library that contains 10,000 tracks. Fundamentally, iTunes is making updates to its meta-data file for each track added to the iTunes library and as this file grows in size the time it takes to manipulate it increases.

These factors are only of interest for those among us that have substantial libraries that we are moving around. If your library is smaller few of these factors will be of issue.

Pausing iTunes and Server updates is a good idea. If you aren't using the SuperSync server, disabling it can improve performance.. because SuperSync updates the server as tracks are added - whether or not anyone will ever connect to your machine.

SuperSync has a significant number of status reporting tools and displays. Use them to manage your process. For example, the iTunes status display will tell you if you are making updates to the iTunes library. Also, you can monitor this process by looking at iTunes itself and by sorting by the "Date Added" column. You can sort "down" so the latest adds are at the top.

If SuperSync and iTunes get completely out of sync (say, in the event of a crash, or you quit SuperSync before it has finished updating iTunes), you should first try to rescan your library. If they seem hopelessly out of sync, you may use the drag-drop method to try to add the tracks to iTunes. Locate the folder that contains the iTunes library, select it and then drag it over the open and running iTunes. Drop the folder on top of the iTunes window and wait for iTunes to complete operations. Exit and restart SuperSync and then perform another rescan.

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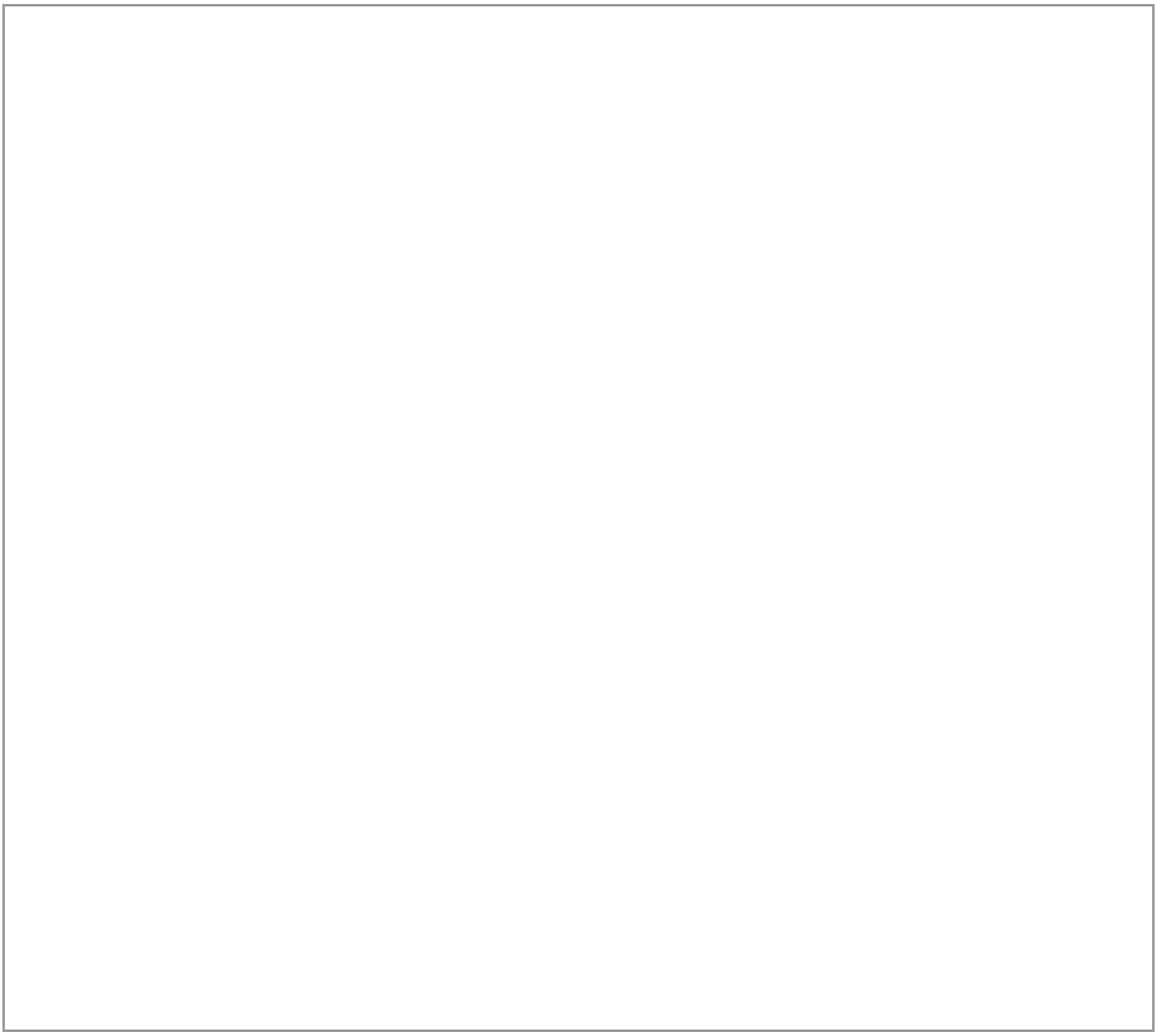
[Return to the **Troubleshooting** Section in this manual]

The Transfer Status Window

The transfer window is one of the best ways for you to get a picture of what is going to be transferred from one library to another.

In the transfer window, you'll see the number of tracks to be copied, the size of your library, and the general progress of file transfers. As new files are set to be synchronized, they will be added to either the upload or download queue. Remember, **uploading** is sending files from the local library to the remote library and **downloading** is getting music from the remote library and adding it to your local library.



Total Tracks is the number currently in your library. If transfers are in progress, the total number after all are synchronized.

Total Size is the current size of your library, and the total size predicted when synchronization is complete. You can use this total size number to help determine how many more tracks can be added to a library of a fixed size.

Remaining shows the number of tracks, bytes, and time remaining for transfers.

Synchronized shows the percentage of synchronized tracks currently in your library. This percent should increase with each track copied.

Music Directory is the root directory of your libraries, or the IP address of the remote server. Hold the mouse over this field and you'll see a full description of the file path.

Files Copied shows the number of files successfully transferred and their combined size.

Skipped shows the number of tracks that were skipped, due to a similar duplicate, exact duplicate, or because the receiving SuperSync has upload restrictions

Errors are the number of tracks that did not copy due to some kind of error. This could be a simple communication error that retrying might fix, or it could be the source file is missing, or some other error.

iTunes Updates shows the number of tracks needed to be added and or removed from iTunes. When a file is added to a SuperSync library that is linked to your iTunes library, it will need to be added to iTunes. Likewise, when you empty the trash of any local tracks that are in iTunes, they'll need to be removed from iTunes after being deleted from SuperSync. To pause iTunes updates, select **File** > **Pause iTunes Updates** from the application menu .

Server Updates shows the number of tracks needed to be added and or removed from your SuperSync server, if enabled. Server updates help keep the library on your disk in sync with the library that is accessible via the network. To pause server updates, select **File** > **Pause Server Updates** from the application menu .

The commands available in the Transfer Window help you manage your synchronization process.

You can **Pause** and **Resume** the synchronization process. The pause command will pause uploads and downloads. (If you want to pause iTunes Updates, you'll need to do that under the File > Pause iTunes Updates menu.)

The **Clear Copied** button lets you clear successfully copied files from the table of copy operations.

The **Clear Skipped** button clears all tracks in the transfer table that were skipped.

The **Clear Errors** button clears all transfers that did not complete due to any type of error.

To automatically clear successful transfers, enable the **Auto Clear** check button.

This keeps the window free from items that should not need your attention.

Each item in the table can be right-clicked to get further information and access additional commands. The first command is "**Get Info**" (to show transfer details and status, plus the standard track information.) **Retry** lets you schedule a transfer for another attempt. You can also **Remove** any individual transfer.

indicates files that are being sent to your designated new music directory. The *Upload Synchronize Queue* reflects the status of files being uploaded to the remote server. Both transfers can be paused by clicking the **Pause** button. Pausing the queue will pause further processing after a file finishes copying.

When a file has been synchronized (existing on both local and remote libraries), it appears in the main viewer window with a green sphere in the **Source** column.

If a remote library does not support uploads (read-only) then the upload queue will be unavailable. Read-only libraries include imports from read-only media (CD/DVD media), iPods, and DAAP servers that have uploading disabled. Currently, only SuperSync supports DAAP music uploads.

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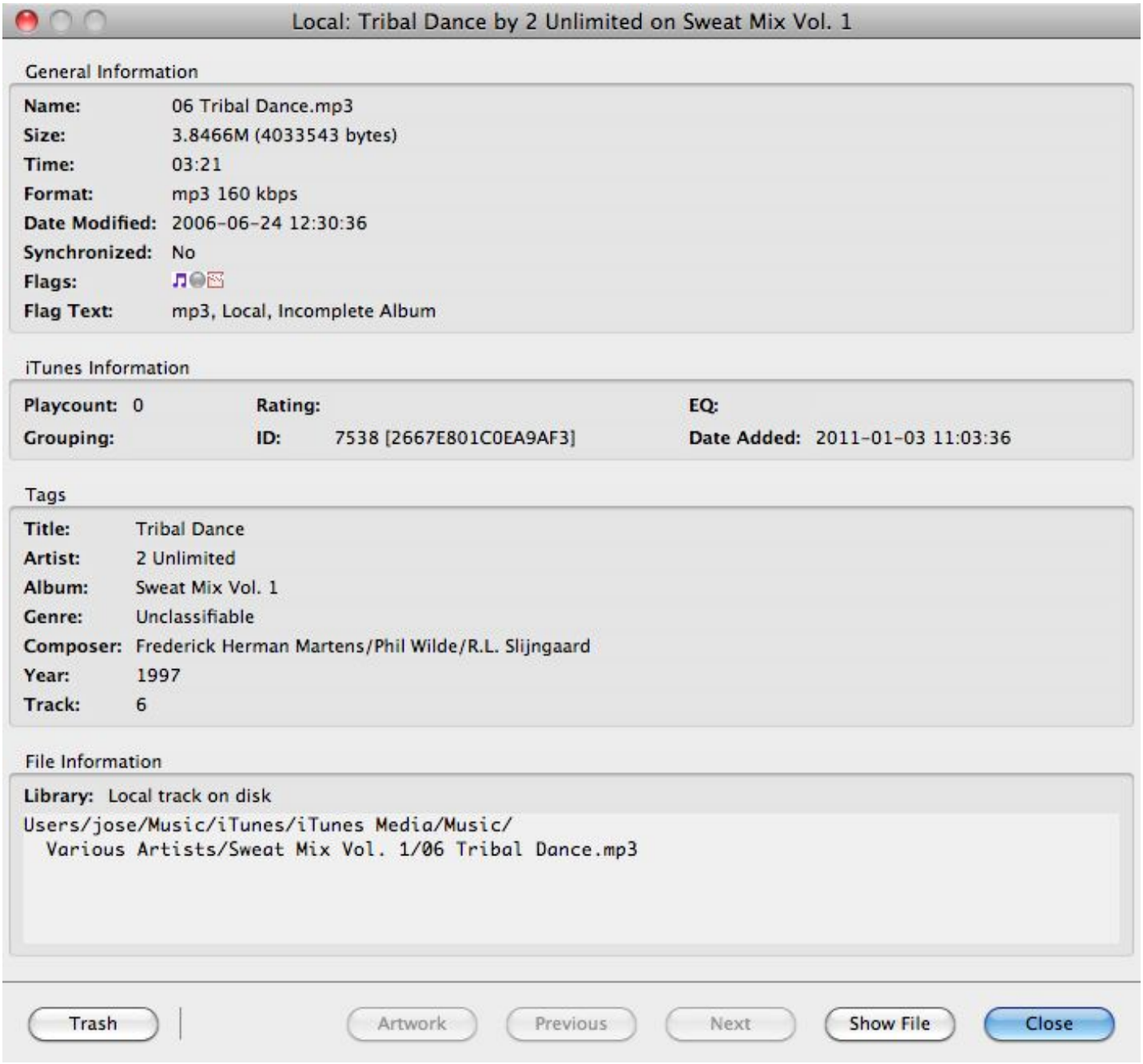
Get Info launches a window displaying the selected file's general information and location. This window can also be launched by pressing ⌘ +**I** or right-clicking and selecting **Get Info**.

This window shows detailed information about a track such as file name, file size, file path, its tags (artist name, album name, etc), and its iTunes meta data (if the track is in a Local or Remote library that has been set to use an iTunes library).



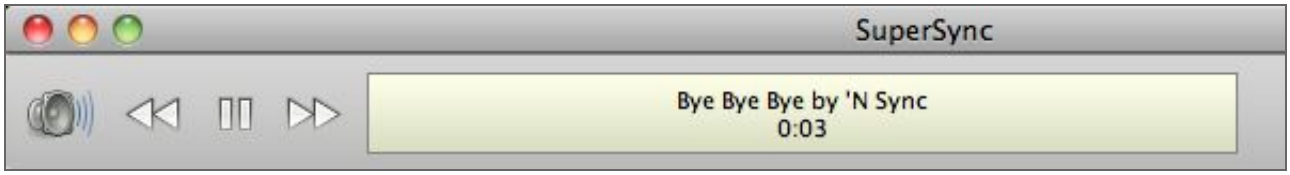
[Return to the SuperSync Menu Section in this manual]

SuperSync Music Player

SuperSync comes with a fully functional music player for any file currently in the local or remote libraries. Files that can be played are displayed in the main library viewer, regardless of their location or whether or not they have been synchronized.

The Player Toolbar

The player toolbar acts as a remote control for all of the music files displayed in the main library viewer. The following describes the different buttons on the player toolbar:



The speaker button launches a slider that controls the output volume of the player. The slider ranges from zero to 100, though it has no effect on the overall volume controlled by the system. Pressing ⌘ +**up arrow** or selecting **Control** > **Volume Up** increases the volume by an increment of five on the slider scale. Pressing ⌘ +**down arrow** or selecting **Control** > **Volume Down** decreases the volume by an increment of five on the slider scale.

The play button plays the current selected song. If several songs are selected, the player plays them in order. The player continues on to the next track in the library if a single song is selected; the player stops after playing multiple songs that are specifically selected. Songs can also be played by double-clicking on the title, by right-clicking and selecting **Play**, or selecting **Play** from the **Action** or the **Control** pull-down menus.

- The next button fast-forwards to the next track in the library.
- The previous button rewinds to the start of the track
- The pause button pauses playback of the current song.
- To start a new song, double click the song from the song list.

If a music track is unplayable due to some kind of error, the track will be skipped and an error may be displayed in the **Log Window** (⌘ O) if the "Player" checkbox is checked. Some files, such as lossless AAC and some unusually-encoded mp3 files are just not playable. If a file also does not play in iTunes, it may mean the file is corrupt, missing, or otherwise damaged.

Movie files are not playable in SuperSync and are simply skipped.

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The SuperSync Server

SuperSync includes a powerful network server that allows you to connect to your media library on other computers running SuperSync.

To configure the server, you'll need to enable it, and set server name, password, and upload privileges in the Network Settings preference panel.

You can also view the status of the server by showing the "server status" from menu Status->Server. It should show the state of the server, how many tracks and playlists have been published, and how many connections are online.

You can always tell at a glance whether the server is running by checking for "Server Running" in the right most field of SuperSync Windows Status Bar.

Connecting to a "Remote" SuperSync is documented in the **Configuring the Remote Library** section earlier in this manual.

If you are having trouble connecting to your server, check for any personal firewalls that may be installed on your machine. SuperSync will need to connect via TCP to the port that you decide to use (5360 is the default).

If you plan to access your server over the WAN (basically, between two computers that are not in the same home/office) than you should see the next section on WAN setup. From there you can check your IP address and test your connection.

There are also sources on the internet that can help first-time server setup users get familiar with running a server on a home or office network.

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IP Addresses

IP addresses are used to communicate on a network. They can be represented in host name form (apple.com, or supersync.com) or by the IP4 standard of 4 numbers 0..255 separated by dots, (192.168.100.1)

Two types of IP addresses are common -- NAT addresses that are only available from inside a firewall or router. This is the most common for home users. For simplicity, a NAT address starts with 192. or 10.

Use the **Tools-> Check my IP address** menu to get more information about your IP address and whether it is accessible. Use the "**Test Connection**" button to determine if your server is accessible over the Internet (WAN Access). The test Connection will go to our server (when available) and see if your library is available online. We don't actually connect or log in - we just do a simple ping that lets us know whether or not you're likely to be able to have others log on to your server from outside of the firewall. The availability of this feature is subject to availability and may become disabled at a future time.

More information about using SuperSync on the Internet (WAN).

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p Access

erSync's server has a web server built in that lets you access your MP3 music
n a web browser.

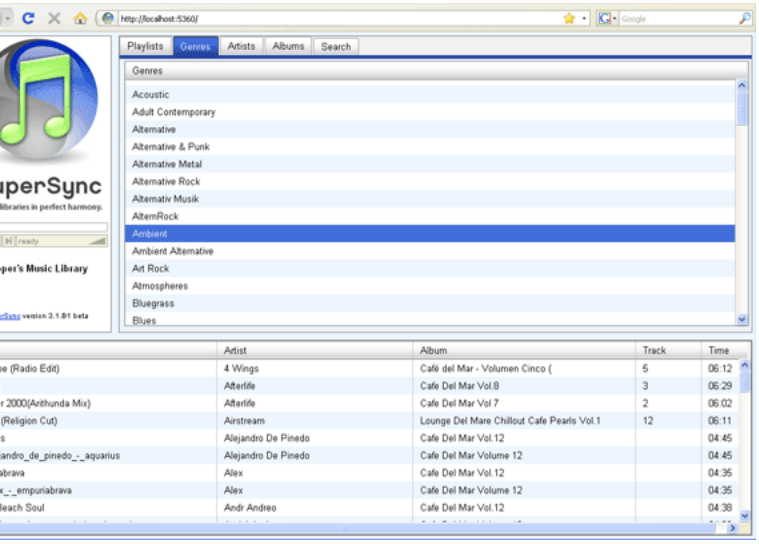
the **Network Settings** tab in the **Preferences** window to enable web access
ble/check the **Enable web browser for MP3 access** checkbox). Set a user
e and password to protect your media files. In the bottom right of the
erSync Window, you should see the status message "Server running".

web browser has two modes – Flash for modern browsers (Firefox, IE, Safari)
iPhone, for iPhone web browsing.

wser Access with Flash Player

n the same machine that is running SuperSync, select **Tools->Open Personal
ic Browser**.

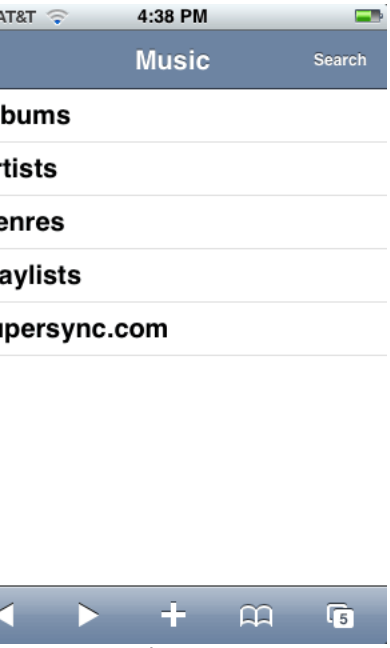
n another machine, enter the http://hostname:port/ where hostname is the IP
ress or host name of the SuperSync, and port is the server port you're using
0 is the default.) Use the **Tools->Check My IP Address...** from the SuperSync
er to determine its IP address.



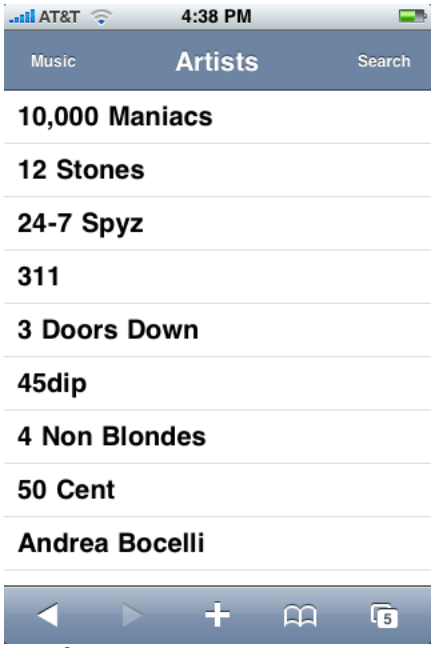
SuperSync Adobe Flash player only supports MP3 playback.

one Web Browsing

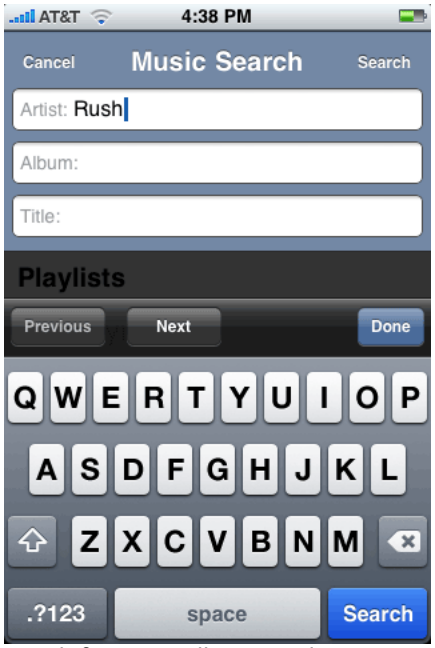
ccess the iPhone/iPod Touch browser, open Safari on your iPhone and enter the
ddress:port of your SuperSync server. The port is 5360 by default, but you'll
d to determine the IP address of your computer by using the **Tools->Check My
ddress...**



n SuperSync iPhone Menu



List of Artists



Search for artist, album or title.

The iPhone track player

ne support uses the Safari browser to let you view your music library and play ks.

ugging/Support/Customization

web access feature in SuperSync has been recently added. We welcome all gestions for improvement. Accessing your music from a web browser is limited ompatible browsers, available music player technology, and other limitations. fox or Safari is recommended for web access.

HTML directory is available for modification within the application. Modify files our own risk, make backups before modifying the HTML, please send us any rovements or bug fixes you find.

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WAN Access

WAN (wide area network) access gives you the ability to access your music from "anywhere on the internet". However, getting WAN access to work in all situations requires that you understand some basic and advanced networking concepts.

There are three main ways to get SuperSync to work over the WAN. The easiest method is to try to enable UPnP and test the connection using the What's my IP Address item. If it works, you can skip the theory. If it doesn't work for you and you want to access your library from anywhere, you'll need to delve into the various addressing schemes.

Static IP address. This is the least likely situation, and the riskiest in terms of firewall protection. In this case, your ISP has assigned you a set of "static" IP addresses that are globally unique and used for servers. If you have such an IP address, you should be able to enter the IP address into another SuperSync and access your music. However, if you're like most home/business users, you'll be behind a router acting as a firewall.

UPnP Enabled Router. In this situation, your computer is given an internal address that is only available to other machines connected to the router. Many routers have a feature called Universal Plug 'n Play which lets you easily set up computers on your network for gaming, chatting, or other types of computer-to-computer communication. If you're not sure, assume you are and check the UPnP if you wish to access your server from outside your home or office. When the server is started, traffic for the server is automatically re-directed to your computer.

Only one computer per household can use the default SuperSync port, 5360. If you wish to access multiple machines from outside the firewall, you'll need to put each computer on it's own unique port, such as 5360, 5361, 5362, etc. You can run SuperSync on any port greater than 1024 and less than 10000.

Port-Fowarding : If you do not have a router that supports UPnP, you may be able to configure it to allow port-forwarding. Which means you're manually setting up the router to forward port 5360 (or whichever port you decide) traffic to your computer. This is a little more complicated, and you might want to go to the www.portforward.com site for more information.

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Troubleshooting

SuperSync is a powerful program and with power comes some complexity. Add to the mix networking issues, cross-platform issues, firewalls, and trying to visualize complex datasets, a learning curve is inevitable.

These guides are designed to help. Additional guides, tutorials, and support are located at the supersync.com web site under support.

Trouble Shooting Guides

iTunes Troubleshooting - SuperSync and iTunes communications

Server and Network Troubleshooting - SuperSync client/server troubleshooting

Network Drive Setup - Using iTunes and SuperSync with a network drive

iPod Access - Getting music from an iPod using SuperSync

Performance Tips - Performance Tips

Frequently Asked Questions

A FAQ is available on the SuperSync web site.

Contact Support

We recommend sending bug reports and requests for assistance using the Tools: Send Suggestion or Bug Report from SuperSync. However, if you can't run the program or don't want to use that.. use the contact form on the SuperSync web site.

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SuperSync License and Credits

SuperSync is commercial software.

A valid license is required to use the software. A limited demo is available for evaluation purposes and limited use. Your financial support ensures that we can continue to make improvements and offer new products in the future.

This software must not be used to copy unauthorized music.

Care should be taken so that you do not allow unauthorized users to download songs that are copyrighted.
The terms of agreement for using this software is that you are responsible for not illegally copying music.
You further agree to hold the developers harmless and defend the developers against any action against you as a result of using this application.

The following code authors have contributed time, art, and source code

A sincere thank you go to the following who have contributed code and art for this application.

- RSSOwl Team - www.rss.org. We used your framework as a springboard for development.
  A number of resources were used, including the "Shops", I18n, Dialogs, and preferences.
- SWT Team - www.swt.org Making it easier to write cross-platform applications that look halfway decent.
- Roger Kapsi for his DAAP server code
  This code is used to create the DAAP server code.
- Dan Lewis for web and UI design & icons, trade show artwork, flyers, etc.
- Splash screen by Tom Craigen Jr., www.thomascraigen.com
- Raphaël Slinckx for his audio formats code
  This code lets us parse music files for tags
- Ronald Tschalär for his HTTPClient code
  This code does a better job of managing network connections.
- Mark James for some of his terrific icons
  Please visit http://www.famfamfam.com/lab/icons/silk/
- Satoshi Konno for his UPnP implementation
- Thomas Binder for an open source iPod reading library
- Paul Buck, for immense help getting 2.0 released
- iPhone access - Michael Heins and SharePodLib.
- Jose for technical support, project management, docs, and more.

A huge thank you to people who have submitted bug reports. Unbelievable how many little gotcha's can arise working with the millions of media files created by various operating systems and software! Keep it up and we'll keep working to make

SuperSync the best product of its kind.

This software uses code developed under the various licenses.

SuperSync was written in Java, C, C++, COM/AppleScript. It uses some stand-alone libraries that are licensed by various means.

- RSSOwl - Application Template Common Public License (http://www.rssowl.org/legal/cpl-v10.html)
- Entagged - LGPL http://sourceforge.net/projects/entagged/
- BlowfishJ - Apache Software License version 2.0 (http://www.opensource.org/licenses/apache2.0.php)
- daap.jar - Roger Kapsi's daap server code (LGPL by special permission, thank you.)
- Apple Computer - QuickTime for Java media interface and iTunes COM/AppleScript interfaces
- JDom - JDom License (http://www.rssowl.org/legal/jdom.license)
- Apache Jakarta Commons Codec - Apache Software License ver. 2.0 (http://www.opensource.org/licenses/apache2.0.php)
- Apache Jakarta Commons Logging - Apache Software License ver. 2.0 (http://www.opensource.org/licenses/apache2.0.php)
- Apache Jakarta Commons HTTPClient - Apache Software License ver. 2.0 (http://www.opensource.org/licenses/apache2.0.php)
- Rendezvous LGPL - Copyright (C) 2002 Strangeberry Inc. Arthur van Hoff
- JacobGen - LGPL http://danadler.com/jacob/
- CyberUPnP - by Satoshi Konno - BSD License http://www.cybergarage.org/
- jpot - iPod importing code Copyright (c) 2005 Thomas Binder (tbinder@math.tu-berlin.de). All rights reserved.
- IUI - iPhone User Interface- http://code.google.com/p/iui/ - BSD License
- YUI - Yahoo User Inteface - http://developer.yahoo.com/yui/ - BSD License
- Nifty Player - http://www.varal.org/media/niftyplayer/ MIT license

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WARRANTY/GUARANTEE

We guarantee that the product performs as advertised for a minimum of 30 days. Users may claim a refund with cause for up to 30 days. Due to the nature of the software, changes in 3rd-party applications or operating systems may cause the PROGRAM to stop functioning as intended. In the case where a 3rd-party application or OS stops working with the product, we will attempt to notify our users of the situation, but we cannot guarantee a fix.

DISCLAIMER

iTunes and iPod are trademarks of Apple Computer, Inc. and is in no way affiliated with SuperSync.

THANK YOU

Thank you to all who have provided feedback, purchased copies, and helped us promote SuperSync.
Dedicated to Beth & Allison, and the twins...

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